

14PV112/07/39 14PV415/01/07/39/58 14PV203/01/07/39/58 14PV460/01/07/39/58

# Manual

#### **Contents**

#### Chapter

Sec. 1: Adjustment Procedure Schematic Diagrams and CBA's Exploded Views Mechanical and Electrical Parts Lists

Sec. 2: Standard Maintenance Mechanism Alignment Procedures Disassembly / Assembly of Mechanism Deck Exploded Views

For technical data reference is made to the Service Manual of 14PV360/01/07/39 & 14PV365/01/07/39/58 3103 785 22040. The present Manual states only the differences.

## Survey of versions:

/01 PAL-BG, EURO /07 PAL I. Ireland

PAL/SECAM-BG+PAL/SECAM-L/L',FRANCE /39 PAL-BG/DK+SECAM-BG/DK,EAST-EURO /58

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

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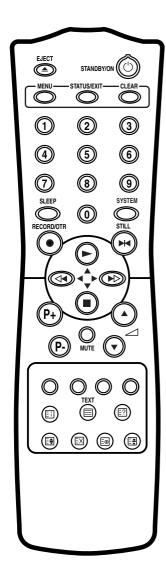






## [ 14PV111/(01, 07, 58), 14PV112/(07, 39), 14PV203/(01, 07, 39, 58), 14PV415/(01, 07, 39, 58), 14PV460/(01, 07, 39, 58)]

## The remote control



**EJECT** ▲ To eject the cassette.

**CLEAR** To delete last entry/Clear programmed recording (TIMER).

**RECORD/OTR** ● To record the TV channel selected at this moment or press repeatedly to start a One-Touch Recording.

**STILL** To stop the tape and show a still picture.

**P+ P-** To select the programme number. During normal or slow motion playback, press to adjust the tracking or vertical jitter.

**MUTE** To eliminate the sound. Press again to restore the volume.

**SYSTEM** Doesn't work in these models.

**SLEEP** To select the switch-off time in 30 minutes intervals.

STANDBY/ON O To switch TVCR On or Off or to interrupt menu function.

**MENU** To call up main menu of TVCR.

**STATUS/EXIT** To access or remove the TVCR's on-screen status display. To exit on-screen menus.

**0..9** Press to select channels.

▶▶ When tape playback is stopped, press to fast forward the tape at hight speed. During playback, press to fast forward the tape while the picture stay on the screen. To store or confirm entry in the menu. Press to adjust the controls of TVCR menu.

When tape playback is stopped, press to rewind the tape at high speed. During playback, press to rewind the tape while the picture stay on the screen.To return the cursor in the menu. Press to adjust the controls of TVCR menu.

To play a tape, select an item in the menu of TVCR.

▼ ■ To stop the tape, select an item in the menu of TVCR.

## <14PV203, 14PV460>

**TEXT** To switch TELETEXT on or off,or transparent mode.

: enlarge font

Doesn't work in these models.

: recall hidden information

igo back to start page.

Yellow button/ Select TELETEXT function when you are in TELETEXT mode.

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## [ 14PV111/(01, 07, 58), 14PV112/(07, 39), 14PV203/(01, 07, 39, 58), 14PV415/(01, 07, 39, 58), 14PV460/(01, 07, 39, 58)]

## **General Note:**

## "CBA" is abbreviation for "Circuit Board Assembly."

#### NOTE:

Electrical adjustments are required after replacing circuit components and certain mechanical parts. It is important to perform these adjustments only after all repairs and replacements have been completed.

Also, do not attempt these adjustments unless the proper equipment is available.

## **Test Equipment Required**

- PAL Pattern Generator (Color Bar W/White Window, Red Color, Dot Pattern, Gray Scale, Monoscope, Multi-Burst)
- 2. AC Milli Voltmeter (RMS)
- 3. Alignment Tape (FL6A), Blank Tape
- 4. DC Voltmeter
- 5. Oscilloscope: Dual-trace with 10:1 probe,

V-Range: 0.001~50V/Div, F-Range: DC~AC-60MHz

- 6. Frequency Counter
- 7. Plastic Tip Driver

## How to Set up the Service mode:

## NOTE:

After replacing the IC202 ( Memory ) or Main CBA, the set value in IC202 ( Memory ) will be lost. So it is necessary to set up or adjust in the Service mode after its replacement.

### Service Mode:

- Turn the power on. (Use main power on the TV unit.)
- 2. Press [STANDBY/ON], [2], [7], [1], and [MUTE] buttons on the remote control unit in that order within 5 seconds.
- To cancel the service mode, press [STANDBY/ON] button on the remote control.

## How to set up the option code

- 1. Enter the Service mode.
- 2. Press the [STATUS/EXIT] button on the remote control unit. The option code appears on the display.
- 3. If needed, input the option code as shown below using number buttons on the remote control unit.

Model	Option Code
14PV111(112)(415)/07	000128
14PV112(415)/39	000129
14PV111(415)/01	000130
14PV111(415)/58	000131
14PV203(460)(465)/01	000158
14PV203(460)(465)/07	000156
14PV203(460)(465)/39	000157
14PV203(460)(465)/58	000159

To reset the software, press [PAUSE] and [5] buttons on the remote control unit.
 The option code is changed.

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## 1. DC 105V (+B) Adjustment

Purpose: To obtain correct operation.

Symptom of Misadjustment: The picture is dark and

unit does not operate correctly.

Test point	Adj. Point	Mode	Input
TP503 (+B) TP504 (GND)	VR601		Color Bar
Tape	M. EQ.	Spec.	
	DC Voltmeter Plastic Tip Driver	+105±0	.5V DC

**Note:** TP503(+B), TP504(GND), VR601 --- H.V./ Power Supply CBA

- 1. Connect the unit to AC Power Outlet.
- Input a color bar signal from RF input and leave it for at least 20 minutes.Enter the Service mode. (See page 1-6-9.)
- 3. Connect DC Volt Meter to TP503(+B) and TP504(GND).
- 4. Adjust VR601 so that the voltage of TP503(+B) becomes +105±0.5V DC.

## 2. H Adjustment

**Purpose:** To get correct horizontal position and size of screen image.

**Symptom of Misadjustment:** Horizontal position and size of screen image may not be properly displayed.

Test point	Adj. Point	Mode	Input
R583	P+/P- buttons	Video	
Tape	M. EQ.	Spec.	
	Frequency Counter	15.625kHz±300Hz	

Note: R583 --- H.V./Power Supply CBA

- 1. Connect Frequency Counter to R583.
- 2. Set the unit to the VIDEO mode and no input is necessary. Enter the Service mode. (See page 1-6-9.)
- 3. Operate the unit for at least 20 minutes.
- 4. Press [2] button on the remote control unit and select H-Adj Mode.
- 5. Press [P+/P-] buttons on the remote control unit so that the display will change [0] to [7.]
  At this moment, choose display [0] to [7] when the Frequency counter display is closest to 15.625kHz±300Hz.
- 6. Turn the power off and on again.

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## 3. C-Trap Adjustment

**Purpose:** To get minimum leakage of the color signal carrier.

**Symptom of Misadjustment:** If C-Trap Adjustment is incorrect, stripes will appear on the screen.

Test point	Adj. Point	Mode	Input
J219 (B-OUT)	P+/P- buttons		Color Bar
Tape	M. EQ.	S	pec.
	Oscilloscope Pattern Generator 200mVp-p Max.		/р-р Мах.
Figure			
minimum — Fig. 1			

Note: J219 (B-Out)--- Main CBA

- 1. Connect Oscilloscope to J219.
- 2. Input a color bar signal from RF input. Enter the Service mode. (See page 1-6-9.)
- Press [0] button on the remote control unit and select C-TRAP Mode.
- 4. Press [P+/P-] buttons on the remote control unit so that the carrier leakage B-Out (4.43MHz) value becomes minimum on the oscilloscope.
- 5. Turn the power off and on again.

# 4. How to measure the standard V-ENV value of Digital Studio Picture Control

**Purpose:** To set the recording condition appropriate for the recording tape.

**Symptom of Misadjustment:** Recording or playing back picture quality may fall. The picture will be tinted.

- 1. Insert a new tape (type: TDK 180) for the DSPC alignment into the TV/VCR.
- 2. Input the black raster signal from the video input jack (VIDEO-IN).
- 3. Enter the Service Mode. (See page 1-6-9.)
- 4. To enter the DSPC mode, press [1] button on the remote control unit. Recording starts automatically and "DSPC" appears on the display.

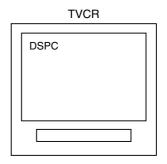


Fig. 2

- Recording continues for 10 seconds in SP mode. After that, recording starts for 10 seconds in LP mode.
- 6. The tape is rewinded to the recording start point.
- 7. The unit enters the play mode automatically and the V-ENV levels of each SP and LP modes are memorized into the EEPROM.
- 8. "OK" appears on the screen with blueback for 5 seconds, the unit enters the stop mode, and is gone out from the factory mode.
- 9. If SYNC. and CTL are none, "NG" appears on the screen with blueback for 5 seconds, the unit ejects the cassette and is gone out from the factory mode. Or, also when the V-ENV level in either of the SP and LP mode is written, "NG" appears on the screen with blueback for 5 seconds, the unit ejects the cassette and is gone out from the factory model

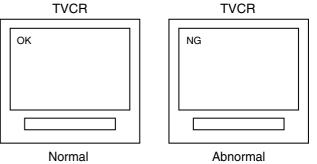


Fig. 3

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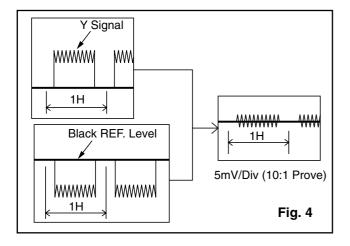
## 5. SECAM Black Level Adjustment

**Purpose:** To set Black Level of the SECAM signal R-Y/B-Y to Ref. level.

**Symptom of Misadjustment:** If Black Level of the SECAM signal R-Y/B-Y is incorrect, the picture is bluish or reddish in grayscale compared with PAL signal.

Test point	Adj. Point	Mode	Input
Pin 1 of CN303	P+/P- buttons		SECAM Gray Scale
Tape	M. EQ.	Spec.	
	Pattern Generator		

- Degauss the CRT and allow CRT to operate for 20 minutes before starting the alignment.
- 2. Input the SECAM Gray Scale signal from video input.
- 3. Enter the Service Mode. (See page 1-6-9.)
- 4. To enter the C/D/S mode, press [ ∠ ] on the remote control unit.
- 5. To select SBR (SECAM Black Level R-Y), press [6] button on the remote control unit.
- Press [P+/P-] buttons to adjust Y signal to the black ref. level.
- 7. To select SBB (SECAM Black Level B-Y), press [7] button on the remote control unit.
- 8. Press [P+/P-] buttons to adjust Y signal to the black ref. level.



## 6. V. Size Adjustment

**Purpose:** To obtain correct vertical height of screen image.

**Symptom of Misadjustment:** If V. Size is incorrect, vertical height of image on the screen may not be properly displayed.

Test point	Adj. Point	Mode	Input
Screen	P+/P- buttons		Monoscope
Tape	M. EQ.	Spec.	
	Pattern Generator	90±5%	

- Enter the Service mode. (See page 1-6-9.)
   Press [9] button on the remote control unit and select V-S Mode. (Press [9] button then display will change to V-P and V-S).
- 2. Input monoscope pattern.
- 3. Press [P+/P-] buttons on the remote control unit so that the monoscope pattern is 90±5% of display size and the circle is round.

## 7. V. Shift Adjustment

**Purpose:** To obtain correct vertical position of screen image.

**Symptom of Misadjustment:** If V. position is incorrect, vertical position of image on the screen may not be properly displayed.

Test point	Adj. Point	Mode	Input
Screen	P+/P- buttons		Monoscope
Tape	M. EQ.	Spec.	
	Pattern Generator	90±5%	

- Enter the Service mode. (See page 1-6-9.)
   Press [9] button on the remote control unit and select V-P Mode. (Press [9] button then display will change to V-P and V-S).
- 2. Input monoscope pattern.
- 3. Press [P+/P-] buttons on the remote control unit so that the top and bottom of the monoscope pattern are equal to each other.

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## 8. H. Shift Adjustment

**Purpose:** To obtain correct horizontal position and size of screen image.

**Symptom of Misadjustment:** Horizontal position and size of screen image may not be properly displayed.

Test point	Adj. Point	Mode	Input
Screen	P+/P- buttons		Monoscope
Tape	M. EQ.	Spec.	
	Pattern Generator	90±5%	

- Enter the Service mode. (See page 1-6-9.)
   Press [8] button on the remote control unit and select H-P Mode.
- 2. Input monoscope pattern.
- 3. Press [P+/P-] buttons on the remote control unit so that the left and right side of the monoscope pattern are equal to each other.
- 4. Turn the power off and on again.

## 9. Cut-off Adjustment

**Purpose:** To adjust the beam current of R, G, B, and screen voltage.

**Symptom of Misadjustment:** White color may be reddish, greenish or bluish.

Test point	Adj. Point	Mode	Input
Screen	Screen-Control P+/P-buttons	Ext.	Black Raster
Tape	M. EQ.	SI	pec.
	Pattern Generator See Reference Notes below		
	Figure		
PATTERN GENERATOR  EXT. INPUT			
Fig. 5			

#### Notes:

Screen Control (FBT) --- H.V./Power Supply CBA FBT= Fly Back Transformer Use the Remote Control Unit

- 1. Degauss the CRT and allow CRT to operate for 20 minutes before starting the alignment.
- 2. Set the screen control to minimum position. Input the Black raster signal from RF input.
- 3. Enter the Service Mode. (See page 1-6-9.) Dimmed horizontal line appears on the CRT.
- 4. To enter the C/D/S mode, press the [ ∠ ] button on the remote control unit.
- 5. To enter the CUT OFF (R) mode, press [1] button on the remote control unit.
- 6. Turn the screen control up until dimmed horizontal line appears.
- 7. Press the [P+/P-] buttons until the horizontal line becomes white.
- 8. To enter the C/D/S mode, press the [ ∠ ▼] button on the remote control unit.
- 9. To enter the CUT OFF (G) mode, press [2] button on the remote control unit.
- 10.Press the [P+/P-] buttons until the horizontal line becomes white.
- 11.To enter the C/D/S mode, press the [ ∠ ▼] button on the remote control unit.
- 12.To enter the CUT OFF (B) mode, press [3] button on the remote control unit.
- 13. Press the [P+/P-] buttons until the horizontal line becomes white.
- 14. Turn the screen control so that the horizontal line adjusted white looks lightly.
- 15. Turn the power off and on again.

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## 10. White Balance Adjustment

**Purpose:** To mix red, green and blue beams correctly for pure white.

**Symptom of Misadjustment:** White becomes bluish or reddish.

Test point	Adj. Point	Mode	Input
Screen	Screen-Control P+/P-buttons	RF	White Ras- ter (APL 100%)
Tape	M. EQ.		Spec.
	Pattern Generator Color analyzer	See below	
Figure			
Color Ajalyzer Fig. 6			

Note: Use remote control unit

- 1. Operate the unit more than 20 minutes.
- Face the unit to east. Degauss the CRT using Degaussing Coil.
- 3. Input the White Raster (APL 100%).
- 4. Set the color analyzer to the CHROMA mode and after zero point calibration, bring the optical receptor to the center on the tube surface (CRT).
- 5. Enter the Service mode. Press [ ∠ ] button on the remote control.
- 6. Press [4] button on the remote control unit for Red adjustment. Press [5] button on the remote control unit for Blue adjustment.
- 7. In each color mode, Press [P+/P-] buttons to adjust the values of color.
- 8. Adjusting Red and Blue color so that the temperature becomes 8500K (x : 290 / y : 300) ±3%.
- At this time, Re-check that Horizontal line is white.
   If not, Re-adjust Cut-off Adjustment until the Horizontal Line becomes pure white.
- 10. Turn off and on again to return to normal mode. Receive APL 100% white signal and Check Chroma temperatures become 8500K (x : 290 / y : 300) ±3%.

**Note:** Confirm that Cut Off Adj. is correct after this adjustment, and attempt Cut Off Adj. if needed.

## 11. Sub-Brightness Adjustment

Purpose: To get proper brightness.

**Symptom of Misadjustment:** If Sub-Brightness is incorrect, proper brightness cannot be obtained by adjusting the Brightness Control.

Test point	Adj. Point	Mode	Input
Screen	P+/P- buttons		SYMPTE
Tape	M. EQ.	S	pec.
	Pattern Generator	See below	
	Figure		
White		ABC	Black This bar (A) just visible Fig. 7

Note: Bar (A) in Fig. 7 --- 0 IRE

- 1. Enter the Service Mode. (See page 1-6-9.) Then input SYMPTE signal from RF input.
- Press MENU button. (Each time MENU button is pressed, display will change BRT, CNT, COL, TNT, and SHP in that order.) Select BRT and press [P+/ P-] buttons so that the bar (A) in Fig. 7 is just visible.
- 3. Turn the power off and on again.

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# 12. Setting for CONTRAST, COLOR, TINT and SHARP Data Values

#### General

- 1. Enter the Service mode. (See page 1-6-9)
- 2. Press MENU button. (Each time MENU button is pressed, display will change BRT, CNT, COL, TNT, and SHP in that order.)

## **CONTRAST (CNT)**

- Press "MENU" button on the remote control unit. Then select CNT display.
- 2. Press [P+/P-] buttons on the remote control unit so that the value of "CONTRAST" (CNT) becomes 85.

### COLOR (COL)

- 1. Press "MENU" button on the remote control unit. Then select "COLOR" (CLR) display.
- 2. Press [P+/P-] buttons on the remote control unit so that the value of "COLOR" (COL) becomes 55.

## TINT (TNT)

- 1. Press "MENU" button on the remote control unit. Then select "TINT" (TNT) display.
- 2. Press [P+/P-] buttons on the remote control unit so that the value of "TINT" (TNT) becomes 57.

#### SHARP (SHP)

- Press "MENU" button on the remote control unit. Then select "SHARP" (SHP) display.
- Press [P+/P-] buttons on the remote control unit and select "1."

## 13. Focus Adjustment

Purpose: Set the optimum Focus.

**Symptom of Misadjustment:** If Focus Adjustment is incorrect, blurred images are shown on the display.

Test point	Adj. Point	Mode	Input
Screen	Focus Control		Monoscope
Tape	M. EQ.	Spec.	
	Pattern Generator	See below.	

**Note:** Focus VR (FBT) --- H.V./Power Supply CBA FBT= Fly Back Transformer

- 1. Operate the unit more than 30 minutes.
- 2. Face the unit to the East and degauss the CRT using a Degaussing Coil.
- 3. Input the monoscope pattern.
- 4. Adjust the Focus Control on the FBT to obtain clear picture.

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## 14. Head Switching Position Adjustment

**Purpose:** Determine the Head Switching Point during Playback.

**Symptom of Misadjustment:** May cause Head Switching Noise or Vertical Jitter in the picture.

**Note:** Unit reads Head Switching Position automatically and displays it on the screen (Upper Left Corner).

- Enter the Service Mode. (See page 1-6-9.)
   Then press the number [5] button on the remote control unit.
- 2. Playback the test tape (FL6A).
- 3. The Head Switching position will display on the screen; if adjustment is necessary follow step 4.  $6.5H(412.7\mu s)$  is preferable.
- 4. Press [P+/P-] buttons on the remote control unit if necessary. The value will be changed in 0.5H steps up or down. Adjustable range is up to 9.5H. If the value is beyond adjustable range, the display will change as:

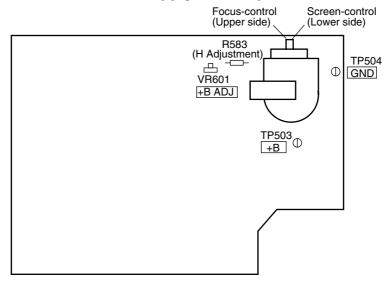
Lower out of range: 0.0H Upper out of range: -.-H

5. Turn the power off and on again.

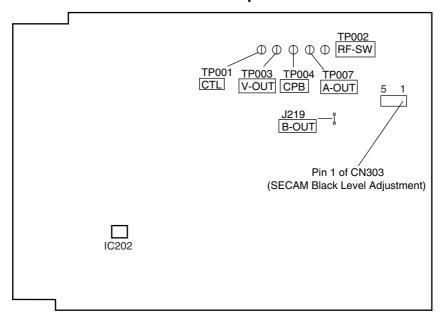
1-6-16 T6310EA

## **Adjustment Points and Test Points**

## **H.V./Power Supply CBA Top View**



## **Main CBA Top View**



## **TEST POINT INFORMATION**

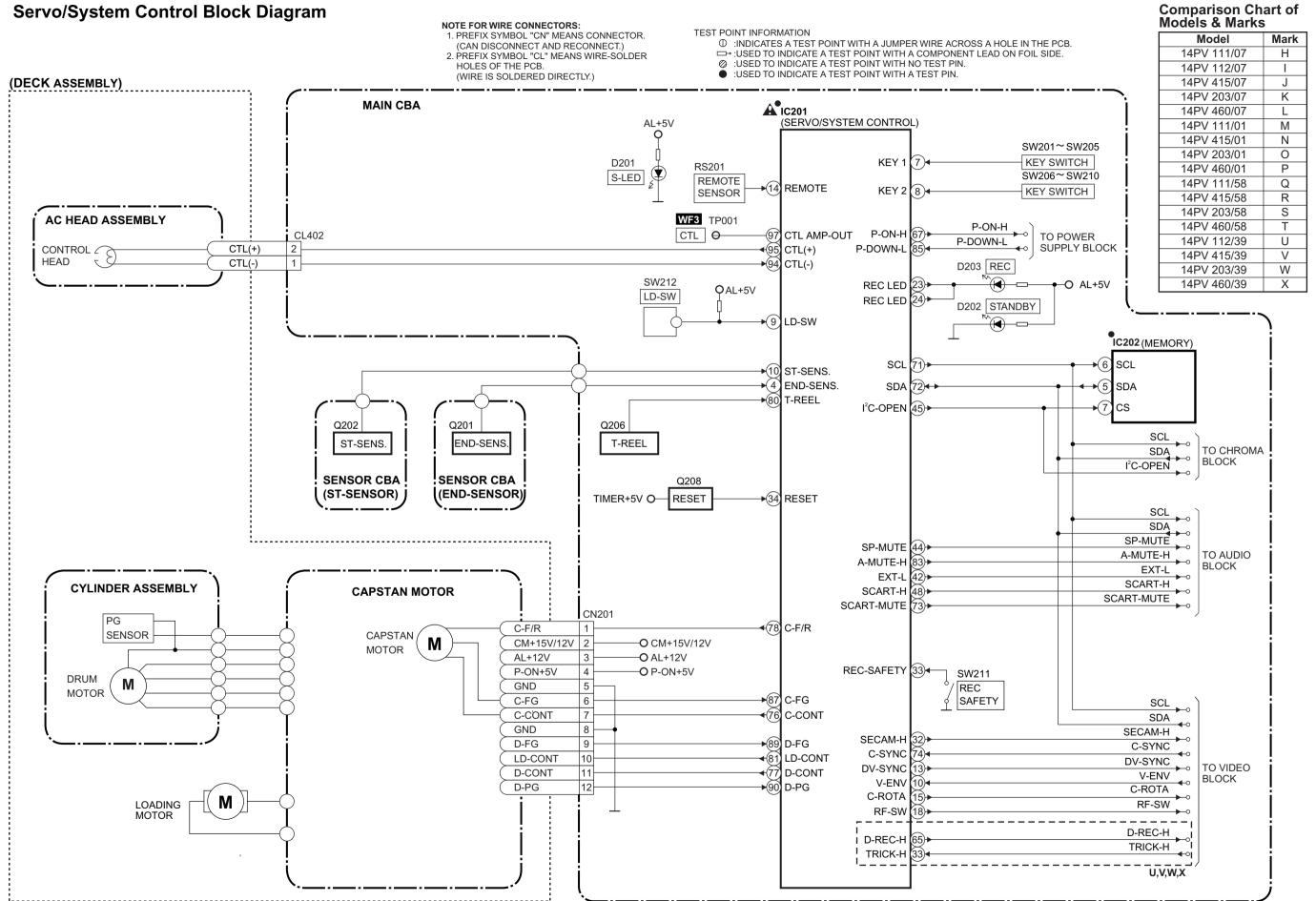
①: Indicates a test point with a jumper wire across a hole in the PCB.

## TEST POINTS NOT USED IN ELECTRICAL ADJUSTMENTS

Test Point	Used in:	Page No.
TP001	Mechanical Alignment Procedures	2-3-3
TP002	Mechanical Alignment Procedures	2-3-3, 2-3-4
TP004	Mechanical Alignment Procedures	2-3-3, 2-3-4
TP503	Electrical Adjustment Instructions	1-6-1
TP504	Electrical Adjustment Instructions	1-6-1

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## **BLOCK DIAGRAMS**



"• " = SMD

## Comparison Chart of Models & Marks

Mark

Н

J

Model

14PV 111/07

14PV 112/07

14PV 415/07

#### NOTE FOR WIRE CONNECTORS:

PREFIX SYMBOL "CN" MEANS CONNECTOR.
 (CAN DISCONNECT AND RECONNECT.)

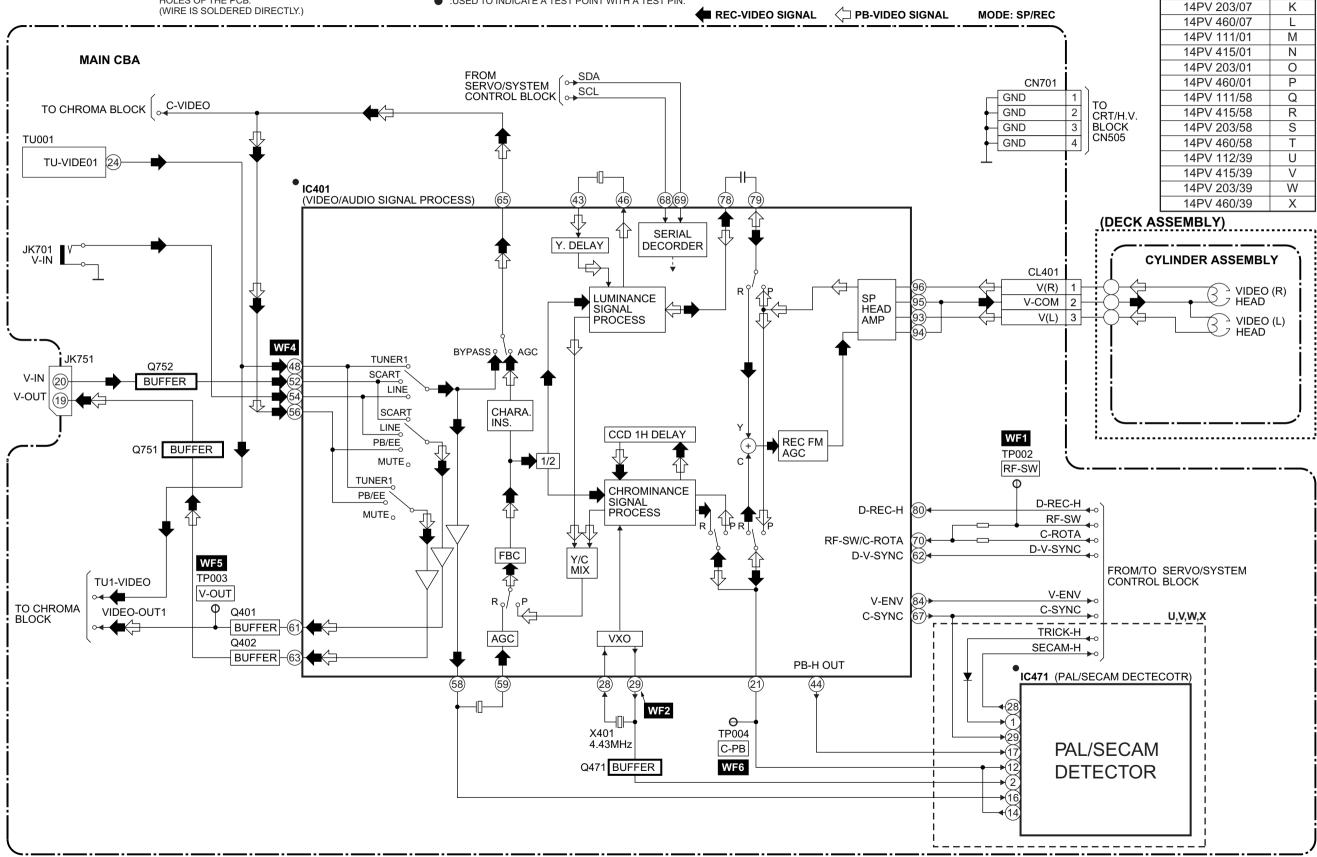
(CAN DISCONNECT AND RECONNECT.)

2. PREFIX SYMBOL "CL" MEANS WIRE-SOLDER HOLES OF THE PCB.

## TEST POINT INFORMATION $\oplus$ :INDICATES A TEST POINT WITH A JUMPER WIRE ACROSS A HOLE IN THE PCB.

:: USED TO INDICATE A TEST POINT WITH A COMPONENT LEAD ON FOIL SIDE.

:USED TO INDICATE A TEST POINT WITH A TEST PIN.



## **Audio Block Diagram**

"• " = SMD

NOTE FOR WIRE CONNECTORS:

1. PREFIX SYMBOL "CN" MEANS CONNECTOR.

(CAN DISCONNECT AND RECONNECT.) 2. PREFIX SYMBOL "CL" MEANS WIRE-SOLDER HOLES OF THE PCB.

TEST POINT INFORMATION

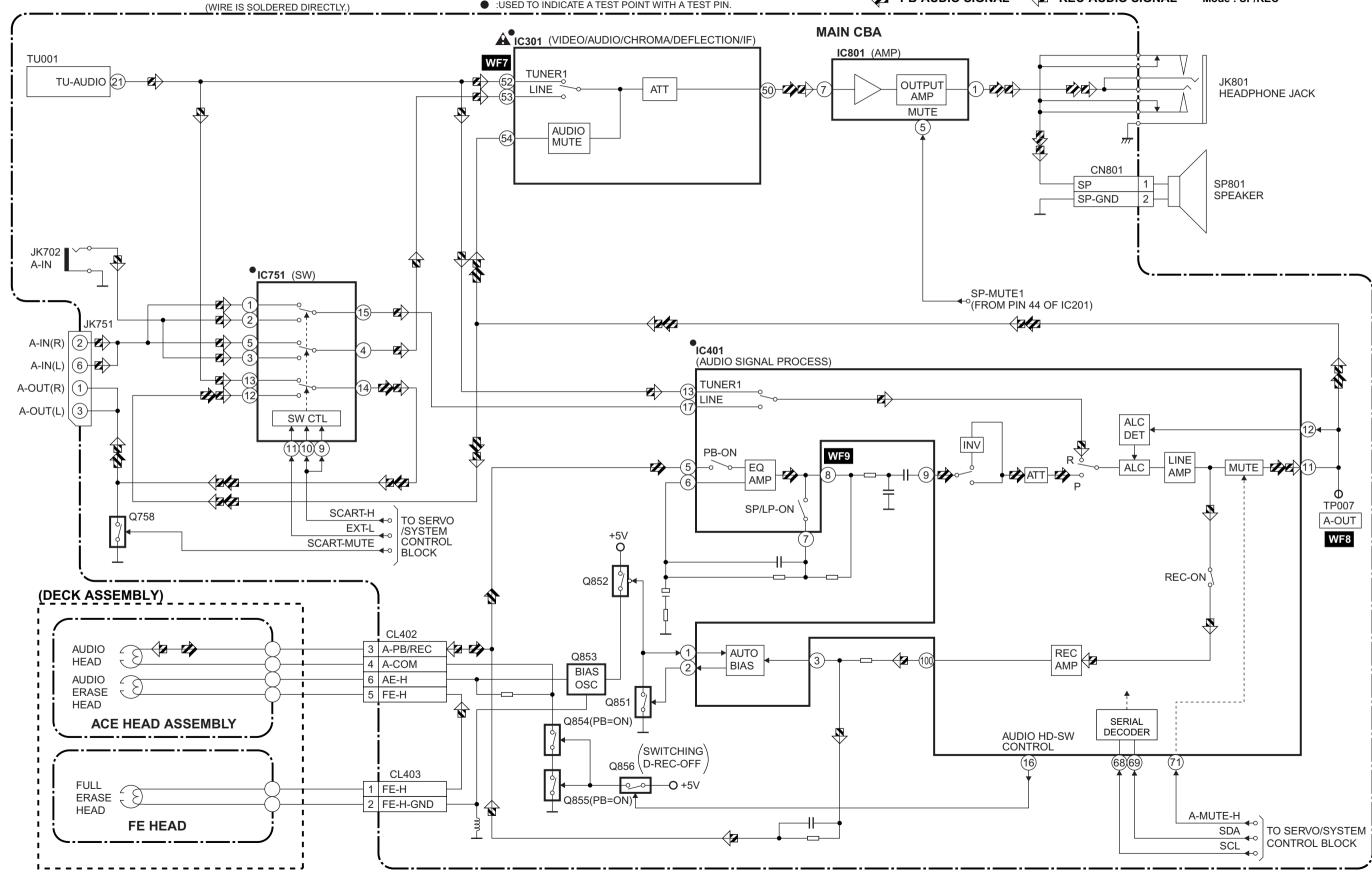
① :INDICATES A TEST POINT WITH A JUMPER WIRE ACROSS A HOLE IN THE PCB.

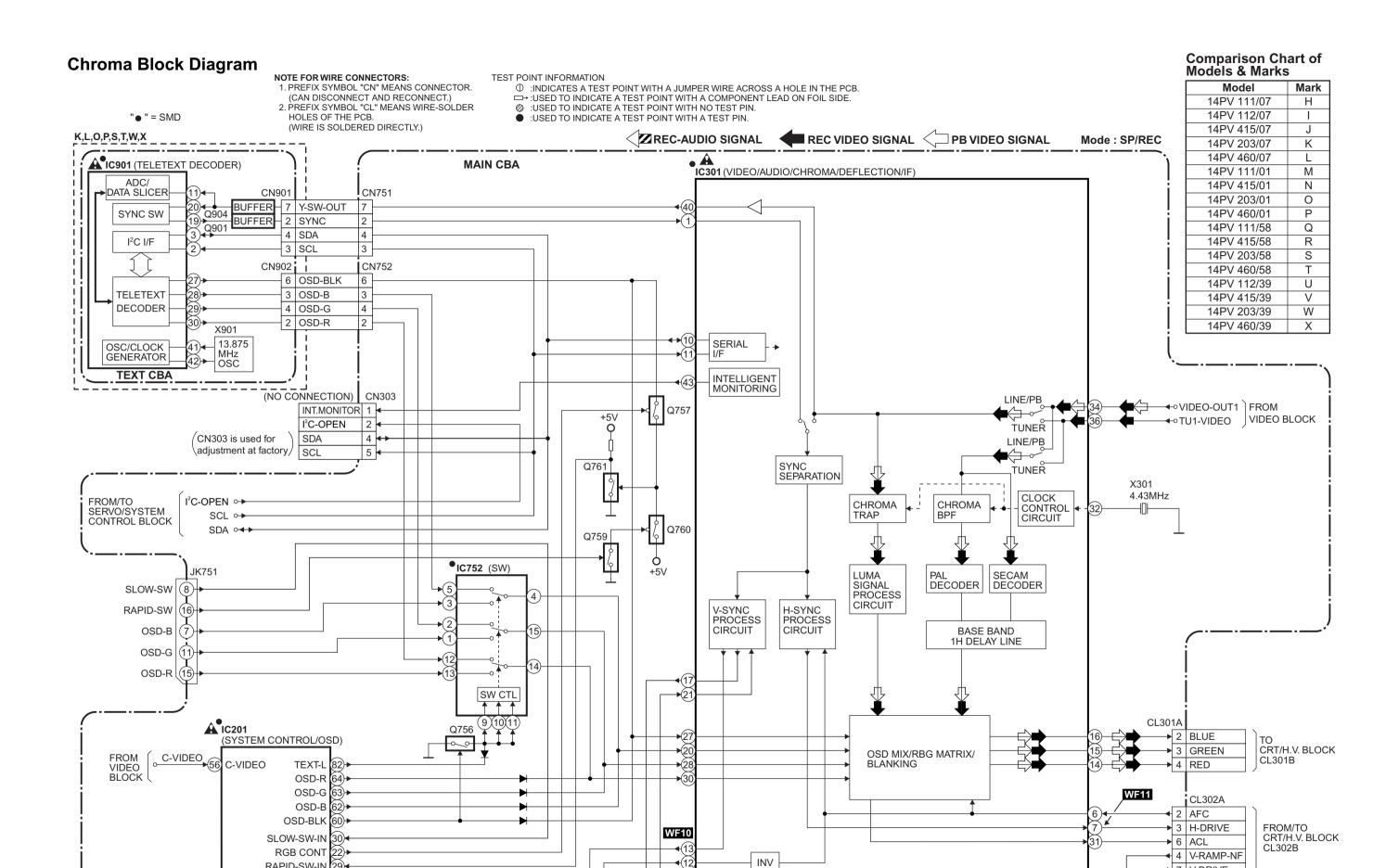
□→: USED TO INDICATE A TEST POINT WITH A COMPONENT LEAD ON FOIL SIDE.

USED TO INDICATE A TEST POINT WITH NO TEST PIN.

:USED TO INDICATE A TEST POINT WITH A TEST PIN.

REC-AUDIO SIGNAL PB-AUDIO SIGNAL Mode : SP/REC

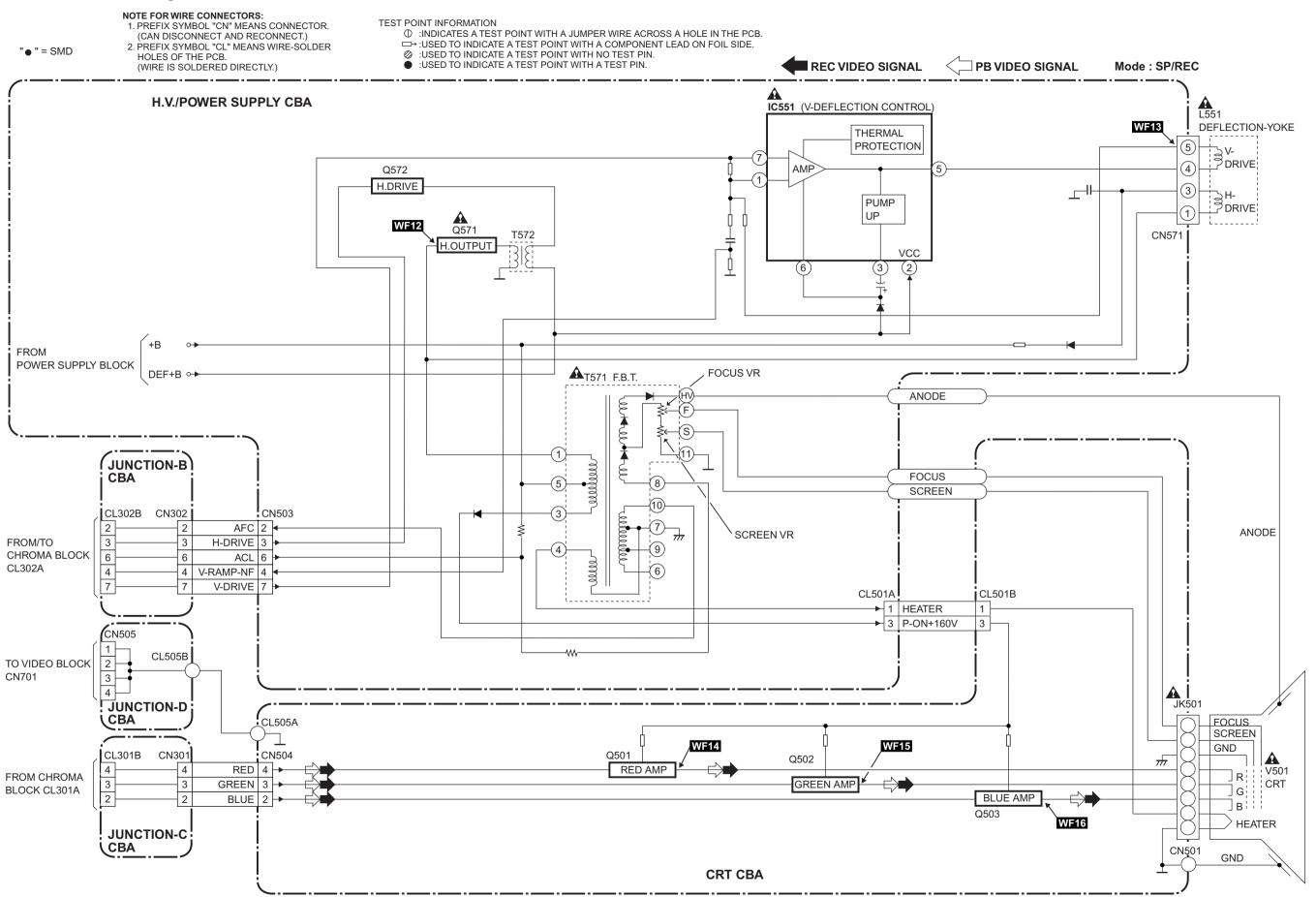




RAPID-SW-IN

WF18 V-SYNC WF17 H-SYNC 7 V-DRIVE

## CRT/H.V. Block Diagram



1-7-21 T6310BLCRT

## **Power Supply Block Diagram**

## **CAUTION!**

Fixed voltage power supply circuit is used in this unit.

If Main Fuse (F601) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply. Otherwise it may cause some components in the power supply circuit to fail.



#### CAUTION

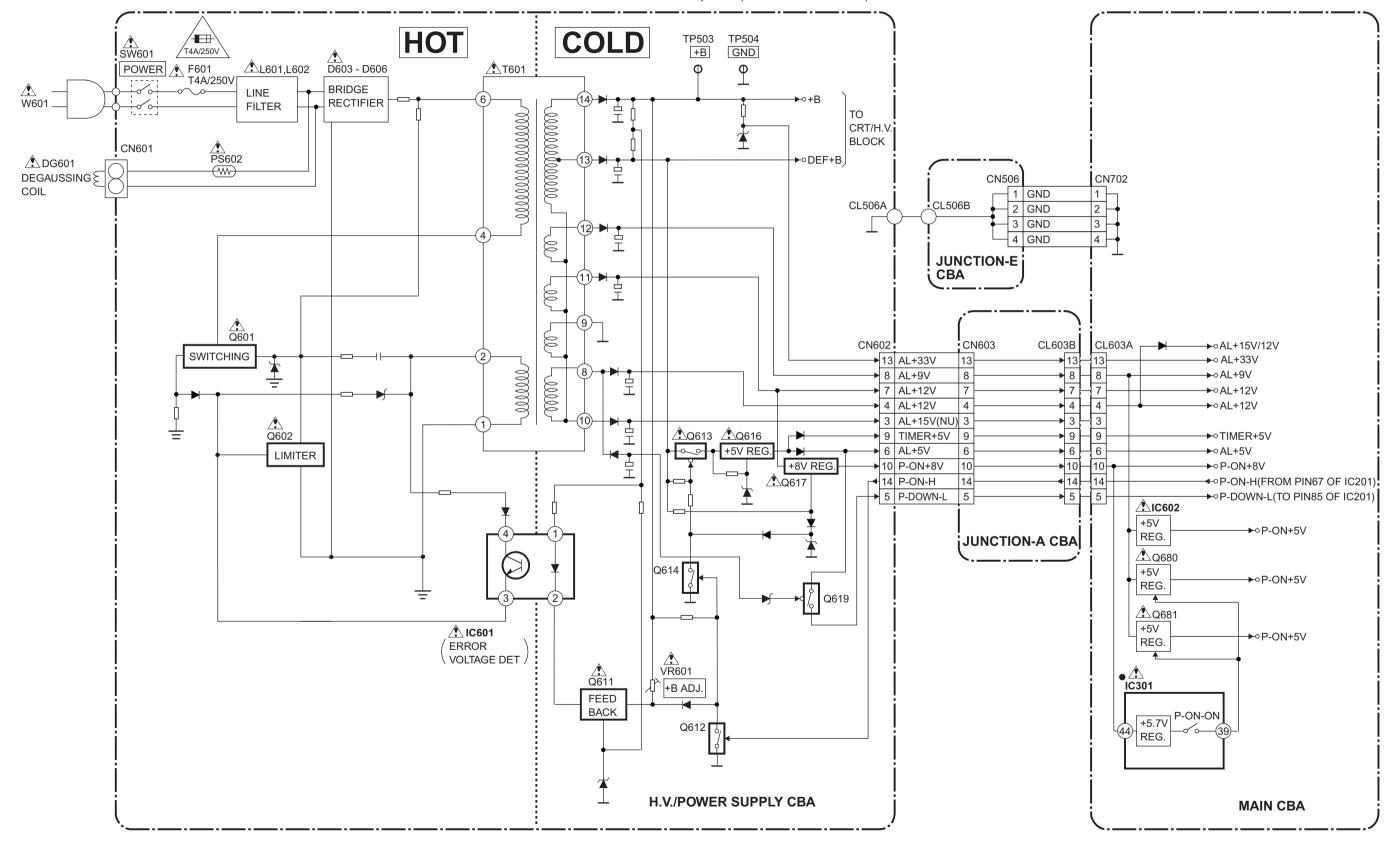
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH THE SAME TYPE FUSE.
ATTENTION: POUR UNE PROTECTION CONTINUE LES RISQES
D'INCELE N'UTILISER QUE DES FUSIBLE DE MEMO TYPE.

## RISK OF FIRE-REPLACE FUSE AS MARKED.

"This symbol means fast operating fuse."
"Ce symbole reprèsente un fusible à fusion rapide."

#### NOTE:

The voltage for parts in hot circuit is measured using hot GND as a common terminal.



# [ 14PV111/ ( 01, 07, 58 ), 14PV112/ ( 07, 39 ), 14PV203/ ( 01, 07, 39, 58 ), 14PV415/ ( 01, 07, 39, 58 ), 14PV460/ ( 01, 07, 39, 58 ) ]

## Main 1/4 Schematic Diagram Parts Location Guide

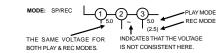
Ref No.	Position	Ref No.	Position						
CAPAC	CITORS	CAPAC	CITORS	DIO	DES	RESIS	TORS	RESIS	STORS
C201	C-4	C249	E-5	D682	B-2	R219	A-4	R273	B-3
C202	C-4	C250	A-3	D683	C-1	R220	A-4	R274	F-2
C203	C-4	C251	A-3	D684	C-1	R221	C-3	R275	A-2
C204	B-3	C252	A-3	D685	B-2	R222	C-3	R276	F-2
C205	B-3	C253	A-2	IC	CS	R223	C-3	R277	F-5
C206	C-3	C255	E-2	IC101	C-5	R224	C-4	R283	C-4
C207	C-1	C256	F-2	IC201	D-3	R225	C-2	R284	E-4
C208	C-3	C257	A-3	IC202	E-5	R226	C-3	R285	F-4
C210	D-1	C259	D-5	IC602	B-2	R227	C-1	R680	B-2
C211	D-1	C260	D-5	CC	DILS	R228	C-2	R681	B-2
C212	D-1	C261	A-2	L201	A-2	R229	D-4	R682	B-1
C213	D-1	C262	C-4	L202	F-2	R231	C-1	R683	B-1
C214	D-1	C681	B-2	L203	A-2	R232	D-1	R684	B-1
C215	D-1	C682	B-1	TRANS	ISTORS	R233	C-1	R685	B-1
C216	D-1	C683	B-1	Q201	A-4	R234	D-1	R686	B-1
C217	D-1	C684	B-1	Q202	A-5	R236	D-1	R687	B-1
C218	D-1	C685	B-1	Q206	E-4	R238	D-1	R688	B-2
C219	D-1	C687	B-1	Q208	D-1	R239	D-1	SWI	TCHES
C220	E-2	CONNE	CTORS	Q680	B-1	R240	D-1	SW201	B-4
C221	E-1	CN201	A-3	Q681	B-1	R241	D-2	SW202	A-4
C222	E-2	CL603A	A-1	Q682	B-2	R242	E-1	SW203	A-4
C223	F-2	DIO	DES	RESIS	STORS	R245	E-1	SW204	A-4
C224	F-2	D201	C-3	R201	C-4	R246	F-2	SW205	A-4
C225	F-2	D202	C-2	R202	C-4	R247	E-2	SW206	B-3
C232	F-4	D203	C-2	R203	C-4	R248	E-2	SW207	A-3
C233	F-4	D206	E-5	R204	C-4	R249	E-2	SW208	A-3
C234	E-4	D207	E-5	R205	B-4	R250	E-2	SW209	A-3
C235	E-5	D208	A-2	R206	B-4	R257	E-3	SW210	A-3
C236	E-4	D210	A-3	R207	A-4	R258	E-3	SW211	C-2
C237	D-5	D211	B-3	R208	A-4	R259	F-5	SW212	A-4
C238	D-5	D212	E-4	R209	A-4	R260	F-5	TEST	POINTS
C239	D-4	D213	D-5	R210	B-3	R261	F-5	TP001	D-5
C240	D-5	D214	C-4	R211	B-3	R262	F-5	TP002	C-3
C241	D-4	D215	C-4	R212	A-3	R263	E-4	CRYSTALC	SCILATORS
C242	D-5	D216	E-1	R213	A-3	R264	F-4	X201	D-1
C243	D-4	D217	E-1	R214	A-3	R265	E-4	X202	D-1
C245	D-5	D218	C-4	R215	B-4	R268	E-5	MISCEL	LANEOUS
C246	E-5	D219	E-3	R216	B-4	R269	E-5	RS201	C-2
C247	E-5	D680	C-2	R217	A-4	R270	D-4		
C248	F-5	D681	C-1	R218	A-4	R271	D-5	Ī	

## **VOLTAGE CHART (Power off mode)**

Ref. No.	1	2	3									
IC602	3.2	0	1.9									
Ref. No.	E	С	В									
Q680	1.6	3.2	2.1									
Q681	2.1	3.1	1.5									
Q682	0	1.0	0									

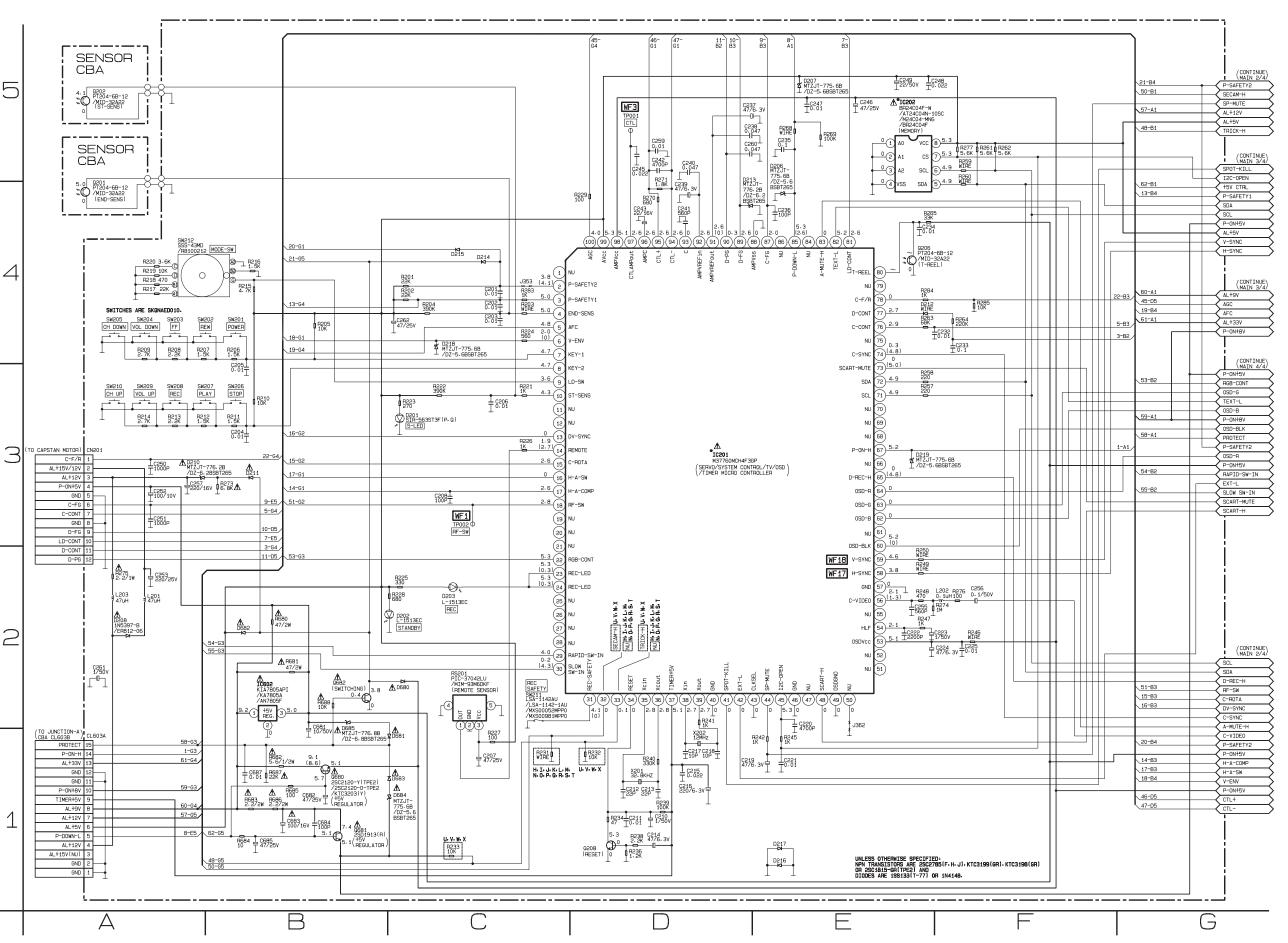
"●"= SMI

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## Comparison Chart of

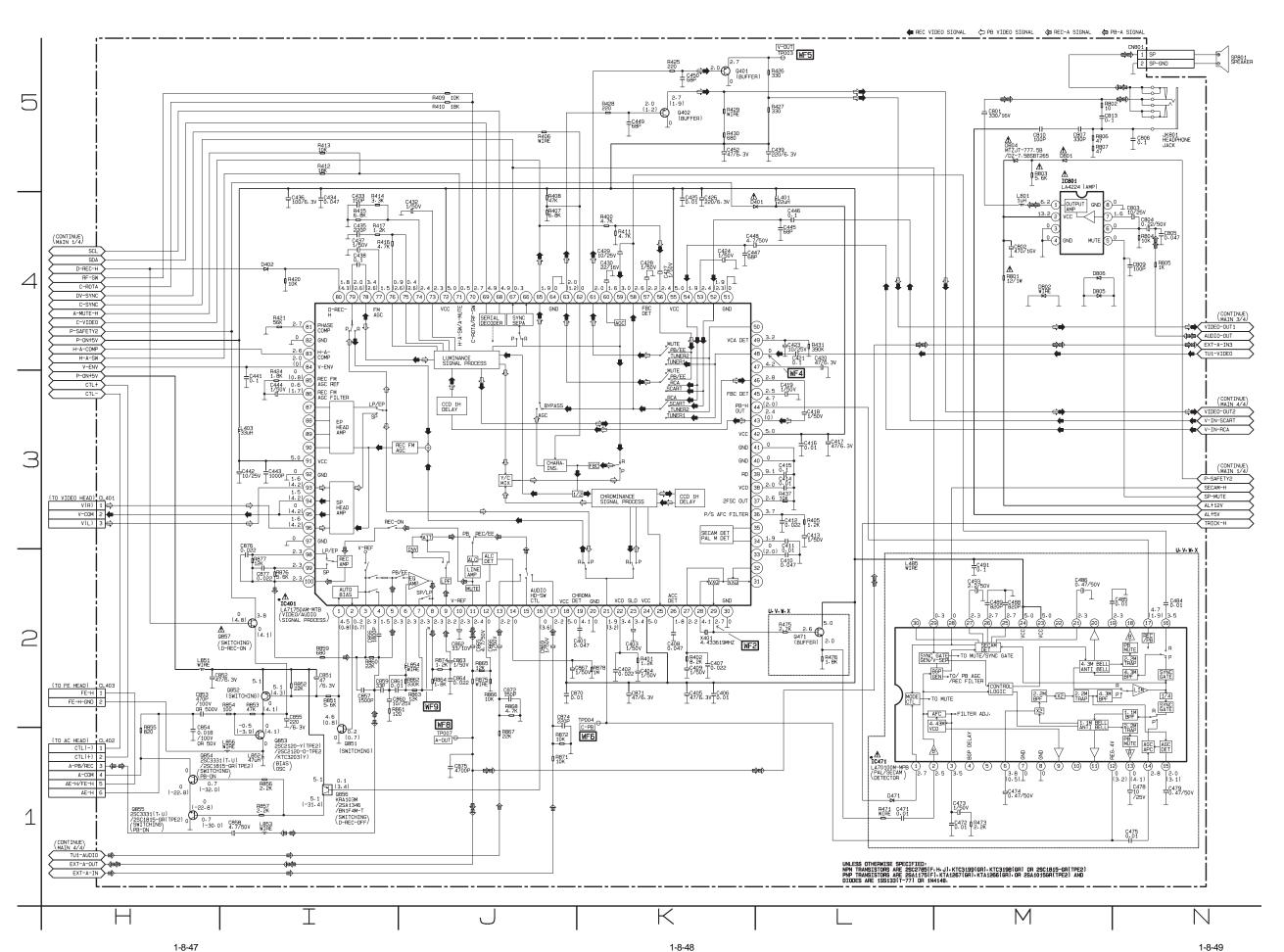
Models and Mai	'KS
MODEL	MARK
14PV 111/07	Н
14PV 112/07	I
14PV 415/07	J
14PV 203/07	K
14PV 460/07	L
14PV 111/01	М
14PV 415/01	N
14PV 203/01	0
14PV 460/01	Р
14PV 111/58	Q
14PV 415/58	R
14PV 203/58	S
14PV 460/58	Т
14PV 112/39	U
14PV 415/39	V
14PV 203/39	W
14PV 460/39	Χ



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#### **Comparison Chart of** Models and Marks

woders and war	KS
MODEL	MARK
14PV 111/07	Ι
14PV 112/07	
14PV 415/07	٦
14PV 203/07	K
14PV 460/07	L
14PV 111/01	М
14PV 415/01	N
14PV 203/01	0
14PV 460/01	Р
14PV 111/58	Q
14PV 415/58	R
14PV 203/58	S
14PV 460/58	Т
14PV 112/39	J
14PV 415/39	V
14PV 203/39	W
14PV 460/39	Χ



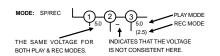
Main 2/4 Schematic Diagram Parts Location Guide

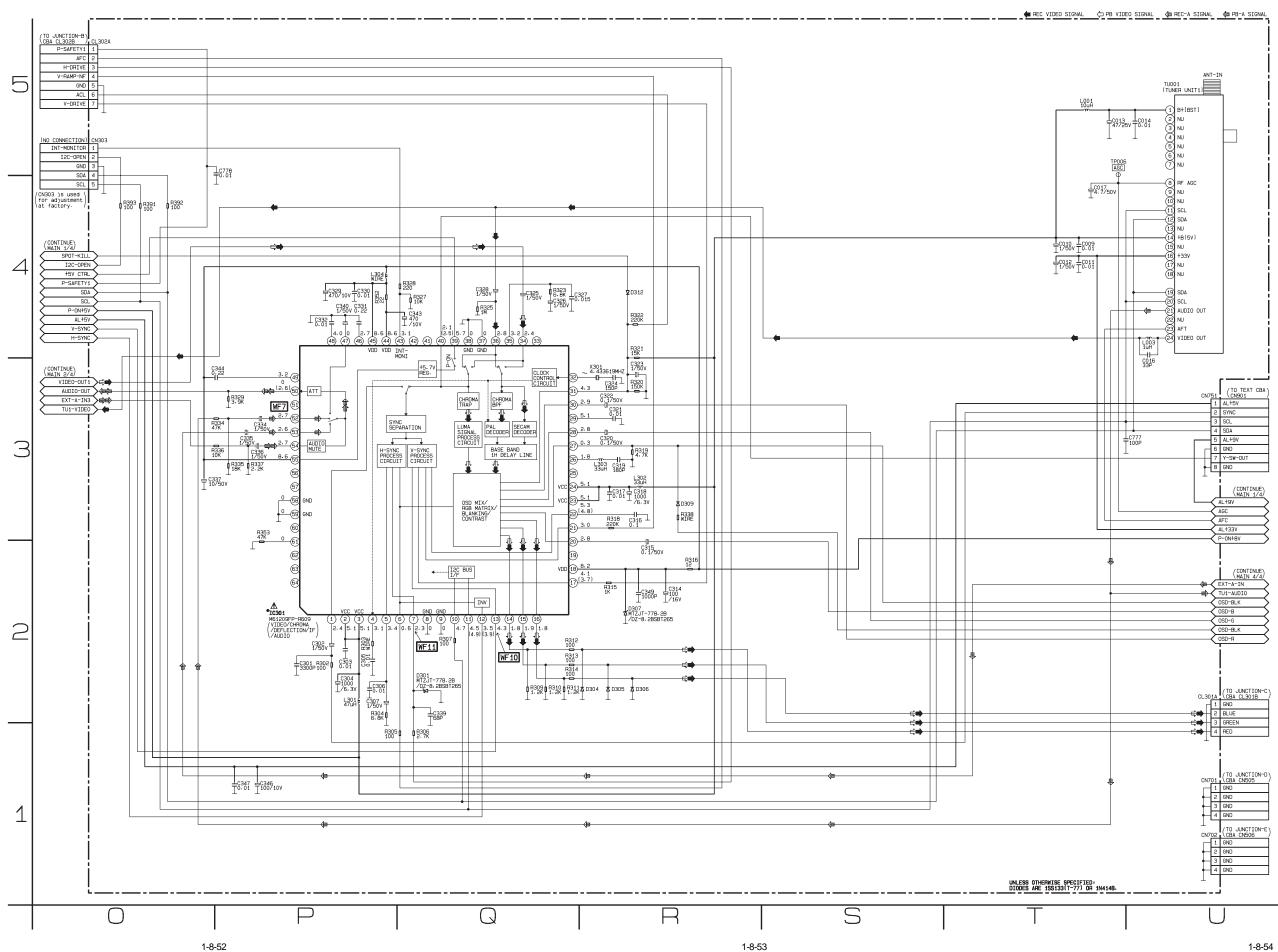
Ref No.	Position	Ref No.	Position						
CAPAC			CITORS		CITORS		TORS		TORS
C401	J-2	C452	K-5	C875	J-1	R406	J-5	R865	J-2
C402	K-2	C471	L-1	C876	I-3	R407	J-4	R866	J-2
C403	K-2	C472	M-1	C877	I-2	R408	J-4	R867	J-1
C404	K-2	C473	M-1		CTORS	R409	J-5	R868	J-2
C405	K-2	C474	M-1	CN801	N-5	R410	J-5	R871	J-1
C406	K-2	C475	N-1	CL401	H-3	R411	K-4	R872	J-1
C407	K-2	C478	N-1	CL402	H-1	R412	I-5	R874	J-2
C408	K-2	C479	N-1	CL403	H-2	R413	I-5	R875	J-2
C409	K-2	C484	N-2	DIO	DES	R414	I-4	R876	I-2
C410	L-2	C485	N-2	D401	K-4	R415	I-4	R877	I-2
C411	L-3	C486	M-2	D402	I-4	R416	I-4	R878	K-2
C412	L-3	C488	M-2	D471	L-1	R417	I-4	CRYSTAL (	OSCILATOR
C413	L-3	C489	M-2	D801	M-5	R420	I-4	X401	K-2
C414	L-3	C491	M-2	D802	M-4	R421	I-4	TEST	POINTS
C415	L-3	C493	M-2	D804	M-5	R424	I-3	TP003	L-5
C416	L-3	C801	M-5	D805	M-4	R425	K-5	TP004	K-2
C417	L-3	C802	M-4	D806	M-4	R426	L-5	TP007	J-1
C418	L-3	C803	N-4		S	R427	L-5	MISCEL	LANEOUS
C419	L-3	C804	N-4	IC401	I-2	R428	K-5	JK801	N-5
C420	L-4	C805	N-4	IC471	L-1	R429	K-5		
C421	L-4	C806	N-5	IC801	M-5	R430	K-5	1	
C423	L-4	C807	M-5	CC	DILS	R431	L-4	1	
C424	K-4	C809	N-4	L401	L-4	R437	L-3		
C425	K-4	C810	M-5	L403	I-3	R471	L-1		
C426	K-4	C813	M-5	L485	L-2	R473	M-1		
C427	K-4	C851	I-2	L801	M-4	R475	L-2		
C428	K-4	C852	H-2	L851	H-2	R476	L-2		
C429	K-4	C853	H-2	L852	I-1	R801	M-5		
C430	K-4	C854	H-1	L853	I-1	R802	M-5		
C432	J-4	C855	I-2	L854	J-2	R803	M-5		
C433	I-4	C856	J-2	L856	I-1	R804	N-4		
C434	I-4	C857	I-2	TRANS	ISTORS	R805	N-4		
C435	I-4	C858	I-1	Q401	K-5	R806	M-5		
C436	I-4	C859	l-2	Q402	K-5	R807	M-5		
C437	I-4	C860	I-2	Q471	L-2	R851	I-2		
C438	I-4	C861	l-2	Q851	I-1	R852	l-2		
C439	I-5	C862	J-2	Q852	l-2	R853	l-2		
C441	I-3	C863	J-2	Q853	I-1	R854	l-2		
C442	I-3	C864	J-2	Q854	H-1	R855	H-2		
C443	I-3	C865	J-2	Q855	H-1	R856	I-1		
C444	I-3	C866	J-2	Q856	I-1	R857	I-1		
C445	L-4	C867	J-2	Q857	I-2	R859	l-2		
C446	L-4	C869	J-1	RESIS	STORS	R860	I-2		
C447	K-4	C870	J-2	R400	K-4	R861	I-2		
C448	K-4	C871	K-2	R401	K-2	R862	J-2		
C449	K-5	C872	J-2	R402	K-2	R863	J-2		
C450	K-5	C874	J-2	R405	L-3	R864	J-2		

Main 3/4 Schematic Diagram Parts Location Guide

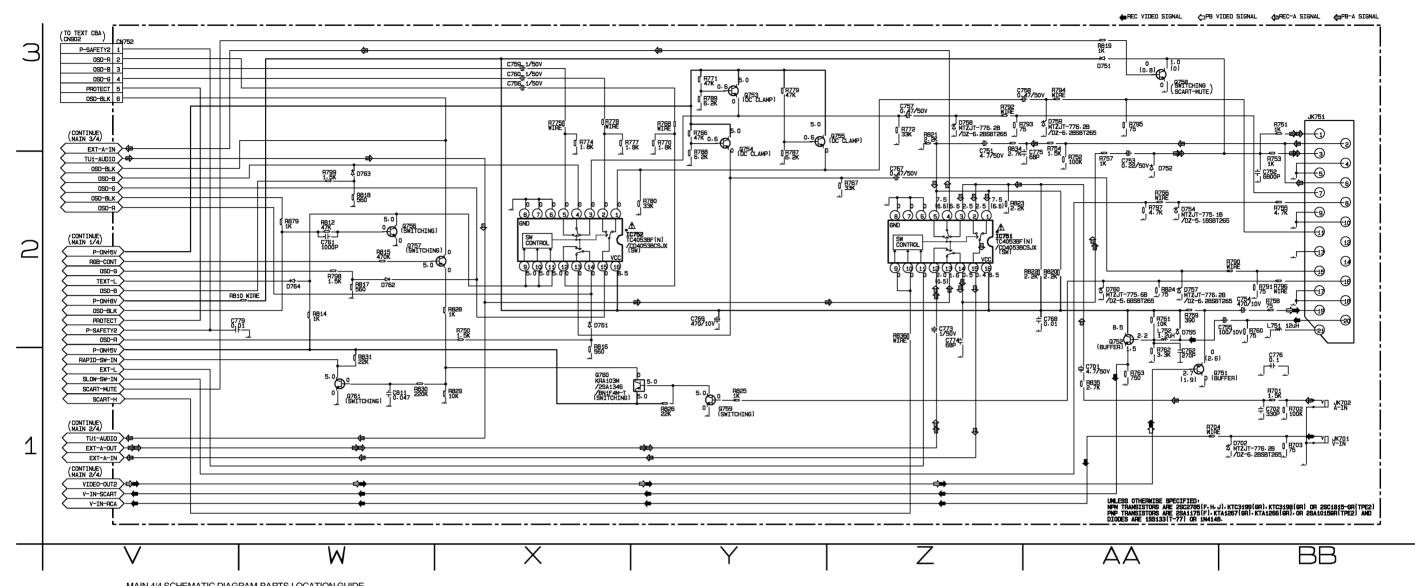
Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position
CAPAC	CITORS	CAPAC	CITORS	DIO	DES	RESIS	STORS
C009	T-4	C327	Q-4	D304	R-2	R315	R-2
C010	T-4	C328	Q-4	D305	R-2	R316	R-3
C011	T-4	C329	P-4	D306	R-2	R318	R-3
C012	T-4	C330	P-4	D307	R-2	R319	R-3
C013	T-5	C331	P-4	D309	R-3	R320	R-3
C014	U-5	C332	P-4	D312	R-4	R321	R-4
C016	U-3	C334	P-3	l	С	R322	R-4
C017	T-4	C335	P-3	IC301	P-2	R323	Q-4
C301	P-2	C336	P-3	CC	ILS	R325	Q-4
C302	P-2	C337	O-3	L001	T-5	R327	Q-4
C303	P-2	C339	Q-2	L003	U-4	R328	Q-4
C304	P-2	C340	P-4	L301	P-2	R329	P-3
C305	P-2	C343	Q-4	L302	R-3	R334	O-3
C306	P-2	C344	O-3	L303	R-3	R335	P-3
C307	P-2	C346	P-1	L304	P-4	R336	O-3
C314	R-2	C347	P-1	RESIS	STORS	R337	P-3
C315	R-2	C349	R-2	R302	P-2	R338	R-3
C316	R-3	C777	U-3	R303	P-2	R352	P-4
C317	R-3	C778	P-5	R304	P-2	R353	P-3
C318	R-3	CONNE	CTORS	R305	P-1	R391	O-4
C319	R-3	CN303	O-5	R306	Q-1	R392	0-4
C320	R-3	CN701	U-1	R307	Q-2	R393	O-4
C321	R-3	CN702	U-1?	R309	Q-2	CRYSTAL (	OSCILATOR
C322	R-3	CN751	U-3	R310	Q-2	X301	R-3
C323	R-3	CL301A	U-2	R311	Q-2	MISCEL	LANEOUS
C324	R-3	CL302A	O-5	R312	Q-2	TU001	U-5
C325	Q-4	DIO	DES	R313	Q-2	TEST	POINTS
C326	Q-4	D301	Q-2	R314	Q-2	TP006	T-5

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MAIN 4/4 SCI	HEMATIC DIA	JRAW PARTS	LOCATIONG	IUIDE
Ref No.	Position	Ref No.	Position	Re

Ref No.	Position								
CAPAC	CITORS	DIO	DES	TRANS	ISTORS	RESIS	STORS	RESIS	STORS
C701	AA-1	D751	AA-3	Q759	Y-1	R772	Z-3	R819	AA-3
C702	BB-1	D752	AA-2	Q760	X-1	R774	X-3	R820	AA-2
C751	Z-3	D754	AA-2	Q761	W-1	R775	X-3	R821	Z-3
C752	BB-2	D755	AA-2	RESIS	STORS	R777	X-3	R822	AA-2
C753	AA-2	D757	AA-2	R701	BB-1	R778	X-3	R823	Z-2
C754	BB-2	D758	Z-3	R702	BB-1	R779	Y-3	R824	AA-2
C755	BB-2	D759	AA-3	R703	BB-1	R780	Y-2	R825	Y-1
C756	X-3	D760	AA-2	R704	AA-1	R787	Y-3	R826	Y-1
C757	Z-3	D761	X-2	R750	X-2	R788	Y-3	R828	X-2
C758	Z-3	D762	W-2	R751	BB-3	R789	Y-3	R829	X-1
C759	X-3	D763	W-2	R752	AA-2	R790	BB-2	R830	W-1
C760	X-3	D764	W-2	R753	BB-2	R791	BB-2	R831	W-1
C761	W-2	IC	S	R754	AA-3	R792	Z-3	R834	Z-3
C762	AA-1	IC751	Z-2	R755	BB-2	R793	Z-3	R835	AA-1
C767	Z-2	IC752	X-2	R756	AA-2	R794	AA-3	R836	Z-2
C768	AA-2	CO	ILS	R757	AA-2	R795	AA-3	R879	W-2
C769	Y-2	L751	BB-2	R758	BB-2	R796	BB-2	MISCELL	ANEOUS
C773	Z-2	L752	AA-2	R759	AA-2	R797	AA-2	JK701	BB-1
C774	Z-2	TRANS	ISTORS	R760	BB-2	R798	W-2	JK702	BB-1
C775	AA-2	Q751	AA-1	R761	AA-2	R799	W-2	JK751	BB-3
C776	BB-1	Q752	AA-2	R762	AA-1	R810	V-2		
C779	V-2	Q753	Y-3	R763	AA-1	R812	W-2		
C811	W-1	Q754	Y-3	R766	Y-3	R814	W-2		
CONN	ECTOR	Q755	Z-3	R767	Z-2	R815	W-2		
CN752	V-3	Q756	W-2	R768	Y-3	R816	X-2		
DIO	DES	Q757	W-2	R770	Y-3	R817	W-2		
D702	BB-1	Q758	AA-3	R771	Y-3	R818	W-2		

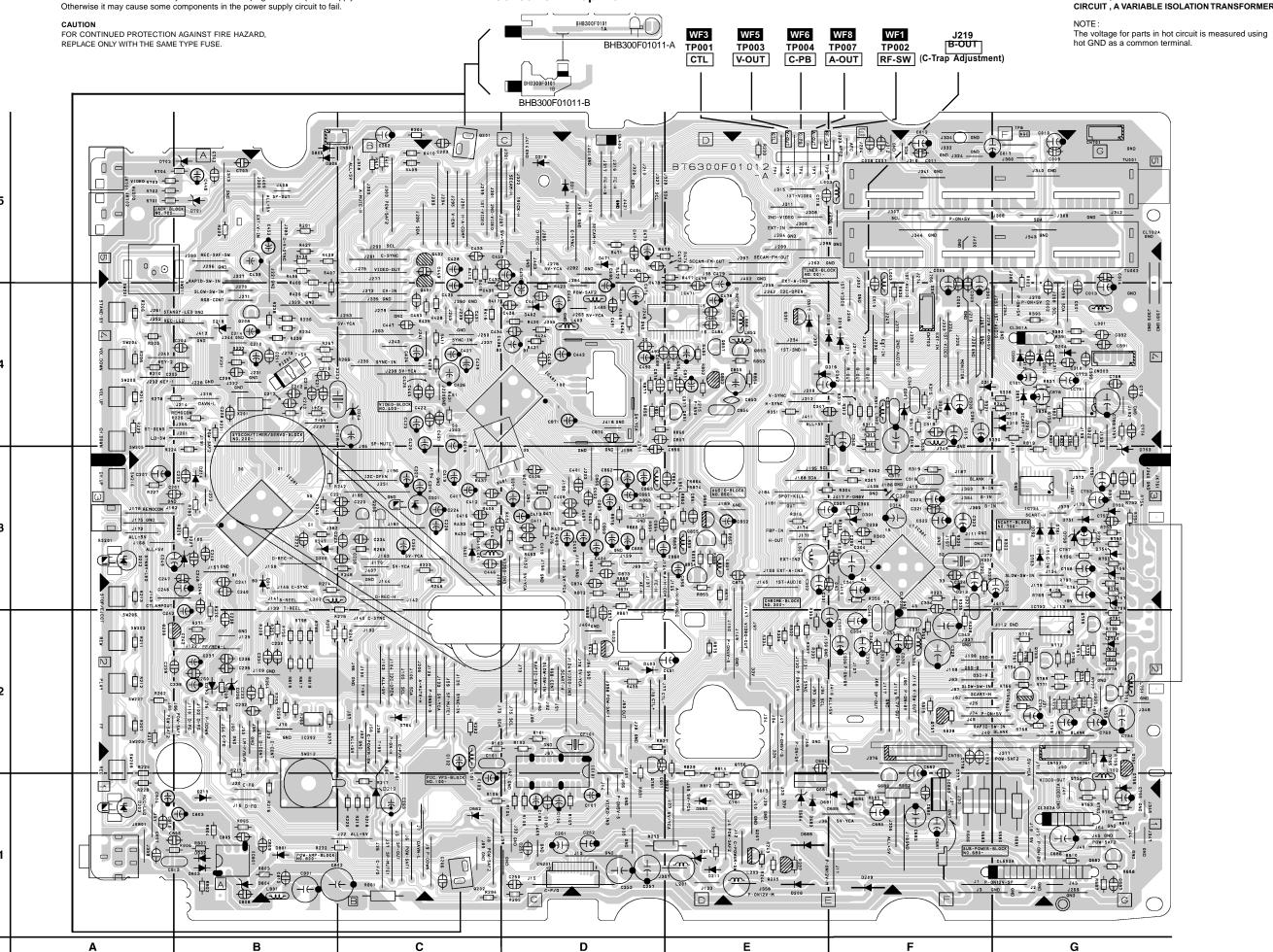
#### CAUTION!

Fixed voltage power supply circuit is used in this unit.

If Main Fuse (F601) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply.

**Sensor CBA Top View** 

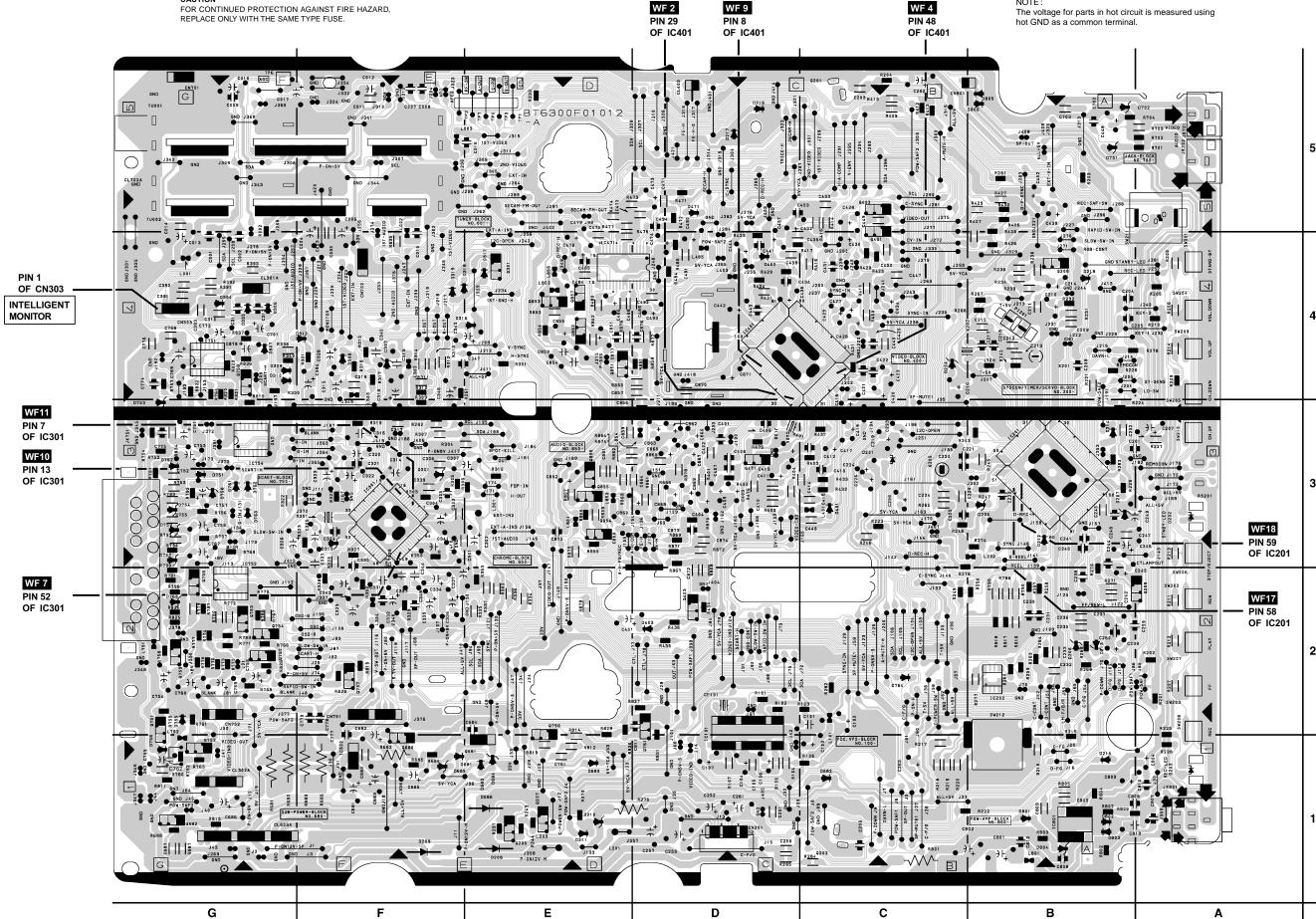
BECAUSE A HOT CHASSIS GROUND IS PRESENT IN THE POWER SUPPLY CIRCUIT, AN ISOLATION TRANSFORMER MUST BE USED. ALSO, IN ORDER TO HAVE THE ABILITY TO INCREASE THE INPUT SLOWLY, WHEN TROUBLESHOOTING THIS TYPE POWER SUPPLY CIRCUIT, A VARIABLE ISOLATION TRANSFORMER IS REQUIRED.



# CAUTION! Fixed voltage power supply circuit is used in this unit. If Main Fuse (F601) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply. Otherwise it may cause some components in the power supply circuit to fail. **CAUTION**FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH THE SAME TYPE FUSE.

BECAUSE A HOT CHASSIS GROUND IS PRESENT IN THE POWER SUPPLY CIRCUIT, AN ISOLATION TRANSFORMER MUST BE USED. ALSO, IN ORDER TO HAVE THE ABILITY TO INCREASE THE INPUT SLOWLY, WHEN TROUBLESHOOTING THIS TYPE POWER SUPPLY CIRCUIT, A VARIABLE ISOLATION TRANSFORMER IS REQUIRED.

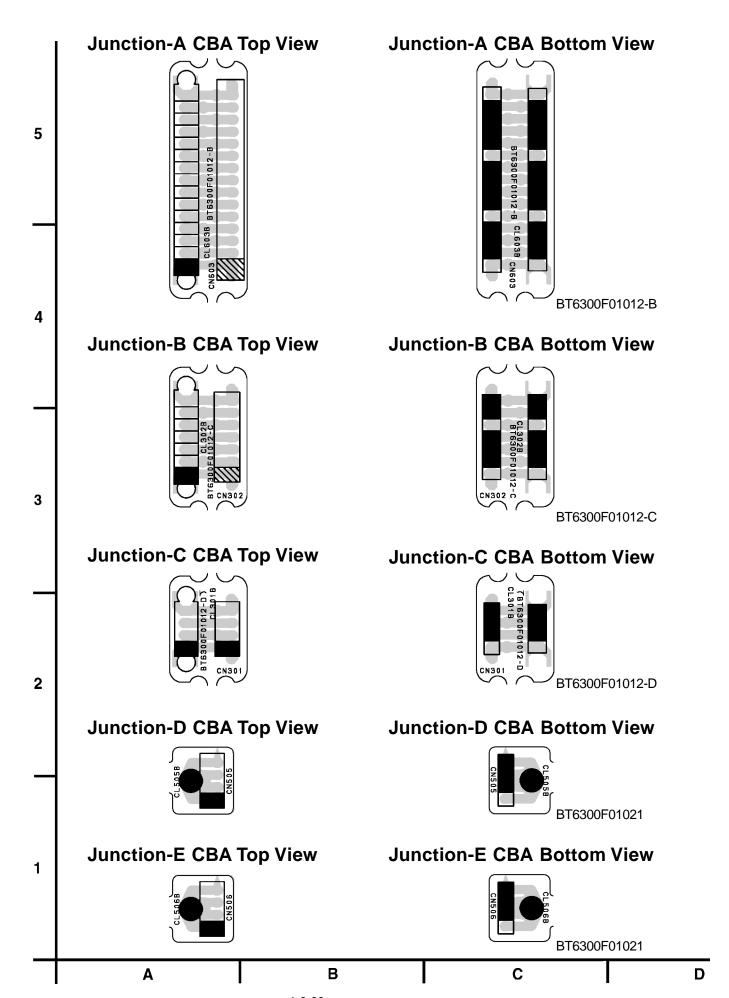
The voltage for parts in hot circuit is measured using hot GND as a common terminal.



## **Main CBA Parts Location Guide**

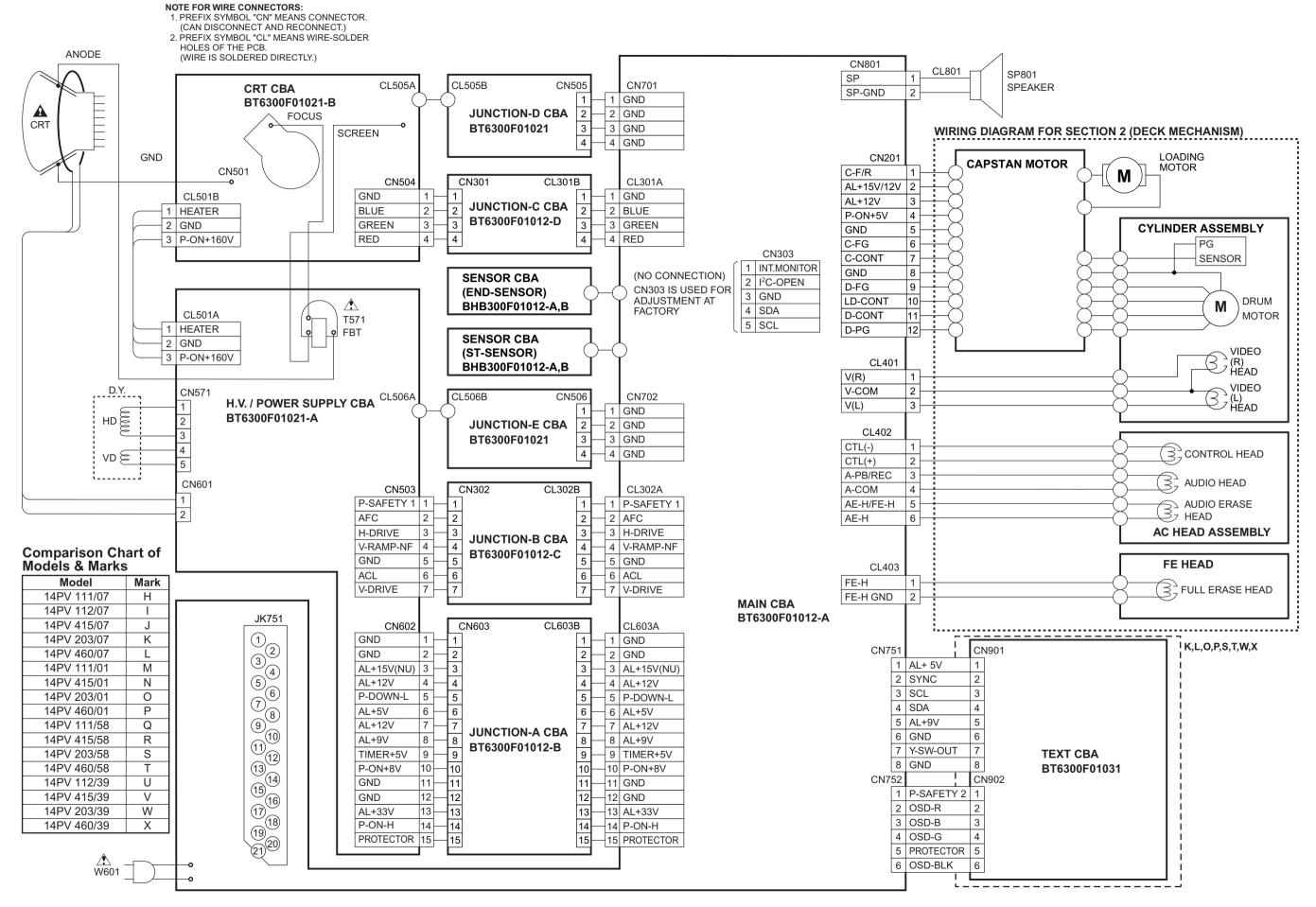
Control   Cont	Ref No. Position	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.	Position	Ref No.
COPIC   COS   CO	RESISTORS																				
COTO   G. A   COS	R859 D-4	G-2	R771	B-5	R407	B-2	R260	D-1	Q761	B-1	D801	G-5	CN701	G-1	C755	C-3	C418	B-2	C260	G-5	C009
COTTO   F -   CONS	R860 E-4	-		B-5		E-4		E-4		B-1			CN702			C-3		D-1		1	
COST   F-1	R861 D-3	G-2		C-5		F-3		E-4		B-1		F-2	CN751	G-3		C-3		C-5		F-5	
Cornel   Gold   Color   F-5   Color   Color	R862 E-3	G-2		C-5		B-2	_	E-4		B-5			CN752	G-3		C-4		E-3		F-5	
COPP   D-0	R863 E-3	G-2	R777	C-4	R411	B-2	R264	E-3	Q854	B-5	D806	C-5	CN801	G-2	C759	C-4	C423	E-3	C302	G-4	C013
COTT   G-5	R864 E-3	G-2	R778	C-5	R412	C-3	R265	E-3	Q855	ics		G-4	CL301A	G-2	C760	C-4	C424	F-3	C303	G-4	C014
Carry   B-3	R865 D-3	G-2	R779	C-5	R413	B-2	R268	E-3	Q856	B-3	IC201	G-1	CL302A	E-1	C761	C-4	C425	F-3	C304	D-5	C016
CYMB   P. S.   C.	R866 D-3	G-2	R780	C-5	R414	B-2	R269	E-4	Q857	B-2	IC202	D-4	CL401	G-1	C762	C-4	C426	F-3	C305	G-5	C017
C939   C5	R867 D-2	G-2	R787	C-4	R415	B-2	R270	STORS	RESIS	F-3	IC301	D-3	CL402	G-3	C767	C-4	C427	F-3	C306	B-3	C201
C206   8.4   C315   F.4   C420   C.4   C773   6.4   D00CE   F.   C602   F.1   R201   6.6   R274   B.9   R20   O.4   R700   G.9   C202   C.1   C217   F.9   C220   C.5   C.774   G.4   D201   C.0   C.775   G.3   D202   C.3   R201   C.5   R275   C.5   R2	R868 D-2	G-2	R788	C-4	R416	B-2	R271	A-2	R201	D-4	IC401	D-5	CL403	G-4	C768	C-5	C428	F-3	C307	B-3	C202
Color   Color   Fig.   Color   Color	R871 D-3	G-2	R789	C-4	R417	E-1	R273	A-2	R202	F-4	IC471	G-1	CL603A	G-4	C769	C-4	C429	F-3	C314	C-5	C203
Color   Colo	R872 D-3	G-3	R790	D-4	R420	B-3	R274	B-5	R203	F-1	IC602	DES	DIO	G-4	C773	C-4	C430	F-4	C315	B-4	C204
C207	R874 E-3	G-2	R791	D-4	R421	D-1	R275	C-5	R204	G-2	IC751	C-3	D201	G-4	C774	C-5	C432	F-3	C316	A-4	C205
C-2010   B-4	R875 E-3	G-3	R792	D-4	R424	C-2	R276	A-4	R205	G-3	IC752	A-3	D202	G-3	C775	C-5	C433	F-3	C317	C-1	C206
C210   E4   C320   F-3	R876 E-4	G-3	R793	C-4	R425	B-2	R277	A-4	R206	B-1	IC801	A-1	D203	G-4	C776	C-4	C434	F-4	C318	A-3	C207
C211   B-4   C321   F-3   C437   D-5   C779   F-2   C328   B-1   L023   F-5   R200   A-4   R208   D-1   R202   C-4   R778   G-2   C213   B-5   C323   F-3   C489   B-5   C802   C-1   D211   B-1   L202   B-3   R211   A-2   R303   F-3   R400   B-5   R778   B-2   C314   B-4   C323   F-3   C441   D-4   C303   B-1   D212   B-3   L301   B-1   R212   A-2   R303   F-3   R400   B-5   R778   B-2   C314   B-4   C325   F-3   C442   D-4   C304   A-1   D213   B-2   L301   B-3   R213   A-3   R305   F-3   R437   C-3   R801   C-4   C786   B-1   C216   C-4   C328   G-3   C440   D-4   C304   A-1   D213   B-2   L301   B-3   R213   A-3   R305   F-3   R437   C-3   R801   C-1   C217   B-4   C327   F-3   C440   D-4   C306   B-1   D214   B-3   L303   F-3   R218   A-4   R306   F-3   R477   D-5   R820   B-1   C217   B-4   C327   F-3   C440   D-4   C306   B-1   D214   B-3   L303   F-3   R218   A-4   R306   F-3   R477   D-5   R820   B-1   C218   B-4   C327   F-3   C440   D-4   C306   B-1   D215   B-1   L303   F-3   R25   B-2   R307   F-3   R470   D-5   R830   B-1   C118   B-4   C329   F-2   C440   C-4   C307   A-1   D216   D-5   L304   F-2   R708   B-1   R300   F-4   R470   D-3   R304   B-1   C219   C-3   C329   F-2   C440   C-3   C300   B-1   D217   D-5   L401   D-3   R377   C-1   R330   F-4   R470   D-3   R306   B-1   C220   C-3   C330   F-2   C440   C-3   C300   B-1   D219   C-1   L485   D-4   R219   C-1   R330   F-4   R810   G-1   R307   R370   C-1   R300   F-4   R810   G-1   R300   F-4   R810   G-1	R877 D-4	G-3	R794	B-4	R426	B-3	R283	A-2	R207	OILS	С	B-2	D206		C777	C-4	C435	F-4	C319	B-4	C208
C212   B-4   C322   F-3   C488   D-4   C901   B-1   D210   E-1   L201   E-1   R210   A-4   R302   E-2   R400   B-3   R707   G-3   C214   B-4   C324   F-3   C441   D-4   C400   B-1   D212   B-3   L200   E-1   R210   A-2   R304   F-3   R401   D-4   R798   B-2   C214   B-4   C324   F-3   C441   D-4   C400   B-1   D212   B-3   L200   E-1   R212   A-2   R304   F-3   R401   D-4   R798   B-2   C214   B-4   C325   F-3   C442   D-4   C400   A-1   D213   B-2   L301   F-3   R311   A-2   R304   F-3   R401   D-4   R798   B-2   C216   D-4   C306   D-4   C400   B-1   D214   B-3   L300   F-4   R214   A-4   R200   F-3   R471   D-5   R401   C217   B-4   C325   F-4   C445   D-4   C400   B-1   D214   B-3   L300   F-4   R214   A-4   R200   F-3   R471   D-5   R402   B-1   C218   B-4   C328   F-4   C445   C44   C400   B-1   D215   B-1   L300   F-2   R216   B-1   R200   F-3   R471   D-5   R402   B-1   C220   D-3   C330   F-3   C445   D-4   C400   B-1   D215   D-5   L304   F-2   R216   B-1   R200   F-4   R475   D-3   R305   B-1   C220   D-3   C330   F-3   C445   D-4   C401   D-1   C400   B-1   C400   C400   R217   D-4   R400   F-4   R475   D-3   R305   B-1   C220   D-3   C330   F-3   C445   D-4   C401   D-1   C400	R878 D-3	G-3	R795	B-5	R427	C-1	R284	A-4	R208	G-4	L001	B-3	D207	F-2	C778	C-4	C436	F-3	C320	B-4	C210
C211	R879 E-2	G-2	R796	C-4	R428	D-1	R285	A-4	R209	F-5	L003	E-1	D208	F-2	C779	D-5	C437	F-3	C321	B-4	C211
C214	SWITCHES		R797		R429	+	R302		R210	+	L201	1	D210		C801	<del> </del>	C438		C322	1	C212
C216   B-4   C326   F-3   C442   D-4   C804   A-1   D219   B-2   L301   E-3   R213   A-3   R305   F-3   R471   C-5   R801   C-1   C217   B-4   C327   F-3   C444   D-4   C806   B-1   D214   B-1   L303   F-3   R215   B-2   R307   F-3   R471   D-5   R802   B-1   C217   B-4   C327   F-3   C444   D-4   C806   B-1   D215   B-1   L303   F-3   R215   B-2   R307   F-3   R473   D-5   R802   B-1   C218   B-4   C327   F-3   C444   C-4   C807   A-1   D215   D-5   L304   F-2   R216   B-1   R309   F-4   R475   D-3   R804   B-1   C219   C-3   C320   C-3   C320   F-2   C446   C-3   C809   B-1   D217   D-5   L401   C-3   R217   C-1   R310   F-4   R475   D-3   R804   B-1   C220   C-3   C330   F-3   C447   C-4   C810   A-1   D217   D-5   L401   C-3   R217   C-1   R310   F-4   R476   D-3   R805   B-1   C221   C-3   C330   F-2   C446   C-3   C811   D-1   D218   D-5   L401   C-3   R217   C-1   R310   F-4   R476   D-3   R805   B-1   C221   C-3   C330   F-2   C448   B-5   C811   D-1   D218   D-1   D218   D-1   R218   D-1   R21	SW201 A-4	B-2	R798	B-5	R430	F-3	R303	A-2	R211	B-3	L202	E-1	D211	C-1	C802	B-5	C439	F-3	C323	B-4	C213
C216   C-4   C326   G-3   C444   D-4   C805   B-1   D214   B-3   L302   F-4   R914   A-4   R906   F-3   R471   D-5   R802   B-1   C218   B-4   C328   F-4   C446   C-4   C807   A-1   D216   B-1   L303   F-3   R215   B-2   R302   F-4   R475   D-5   R803   B-1   C218   B-4   C328   F-4   C446   C-3   C807   A-1   D216   D-5   L304   F-2   R216   B-1   R302   F-4   R475   D-3   R804   B-1   C219   C-3   C303   F-2   C446   C-3   C308   B-1   D217   D-5   L304   F-2   R216   B-1   R302   F-4   R475   D-3   R804   B-1   C220   C-3   C303   F-3   C447   C-4   C310   A-1   D218   B-4   L403   D-4   R216   C-1   R311   F-4   R800   G-1   R808   B-1   C221   C-3   C311   F-2   C440   C-5   C313   B-1   D-1   D219   C-1   L405   D-4   R219   C-1   R311   F-4   R800   G-1   R808   B-1   C222   B-3   C332   F-2   C440   C-5   C313   B-1   D301   G-5   L751   C-2   R220   C-1   R313   F-4   R802   G-1   R807   B-1   C223   C-3   C334   F-2   C460   C-4   C861   E-4   D304   G-4   L801   B-1   R222   B-1   R315   F-4   R808   F-1   R816   C-1   R314   C-1   R314   F-4   R808   F-1   R816   C-1   R314   C-1   R314   F-4   R808   F-1   R314   C-1   R314   F-4   R304   C-1   R314   C-1	SW202 A-2		R799	<b>+</b>	R431	+	R304		R212		L203		D212		C803	-	C441		C324		C214
C217   B-4   C327   F-3   C444   D-4   C306   B-1   D216   D-5   C318   F-2   R307   F-3   R473   D-5   R803   B-1	SW203 A-2	C-1	R801	1	R437	F-3	R305	A-3	R213		L301	B-2	D213	A-1	C804	1	C442	F-3	C325	1	C215
C218   B-4   C328   F-4   C445   C-4   C807   A-1   D216   D-5   L304   F-2   R216   B-1   R019   F-4   R475   D-3   R804   B-1   C219   C-3   C329   F-2   C446   C-3   C309   B-1   D217   D-5   L301   C-3   C3217   C-1   R310   F-4   R475   D-3   R806   B-1   C220   C-3   C320   F-3   C447   C-4   C210   A-1   D219   B-4   L409   D-4   R218   C-1   R311   F-4   R880   G-1   R806   B-1   C221   C-3   C321   F-2   C448   B-5   C311   D-1   D219   C-1   L485   D-4   R719   C-1   R612   F-4   R880   G-1   R806   B-1   C222   B-3   C3312   F-2   C448   C-5   C613   B-1   D301   F-3   L751   G-2   R220   C-1   R313   F-4   R807   F-1   R810   C-1   C223   C-3   C334   F-2   C460   C-4   C851   E-4   D304   G-4   L801   B-1   R315   F-4   R808   F-1   R812   E-1   C224   C-3   C335   F-2   C452   B-5   C852   E-3   D305   G-4   L801   B-1   R312   B-1   R315   F-4   R808   F-1   R812   E-1   C225   B-3   C336   F-2   C471   D-5   C853   E-4   D307   F-4   L851   E-3   R223   C-3   R316   E-3   R866   F-1   R815   F-2   C225   B-3   C336   F-2   C472   D-5   C855   E-4   D307   F-4   L852   E-4   R224   B-3   R315   F-4   R868   F-1   R815   F-2   C225   B-2   C339   F-3   C473   D-5   C855   E-4   D309   G-4   L851   E-3   R223   C-3   R316   E-3   R866   F-1   R815   F-2   C225   B-2   C339   F-3   C473   D-5   C855   E-4   D309   G-4   L851   E-3   R225   A-2   R319   F-3   R867   G-1   R817   B-2   C224   C-3   C334   F-2   C474   D-4   C856   E-3   D312   F-4   L854   E-3   R225   A-2   R319   F-3   R867   G-1   R817   B-2   C224   C-3   C334   F-2   C474   D-4   C856   E-3   D312   F-4   L854   E-4   R226   B-4   R309   F-3   R867   G-1   R817   B-2   C225   B-2   C336   F-2   C474   D-4   C856   E-3   D312   F-4   L854   E-4   R226   B-4   R303   F-3   R867   G-1   R817   B-2   C225   B-2   C336   F-2   C474   D-4   C35   C357   E-4   D401   C-3   L856   E-4   R220   B-3   R233   F-3   R399   F-3   R399   G-1   R818   B-2   C336   B-2   C336   F-4   C478   B-4   C478   B-4   C478   B-4   C478   B-4   C478   B	SW204 A-4	B-1	R802	1	R471	1	R306	+	R214	1	L302	B-3	D214	B-1	C805	D-4	C443		C326	1	C216
C-219   C-3	SW205 A-3	B-1	R803		R473	+	R307		R215	+	L303	1	D215	B-1	C806	<del> </del>	C444		C327	B-4	C217
C220   C33	SW206 A-2	B-1	R804		R475	+	R309		R216		L304	D-5	D216		C807	<del> </del>	C445		C328	1	C218
C221	SW207 A-2	B-1	R805		R476	1	R310		R217	C-3	L401		D217	B-1	C809		C446		C329	1	C219
C222   B-3	SW208 A-2			1		+		1		+						<del> </del>				1	
C223	SW209 A-4			1		1		+		1		1				ł				1	
C224         C-3         C335         F-2         C452         B-5         C852         E-3         D305         G-4         L801         B-1         R222         B-1         R315         F-4         R684         F-1         R814         E-2           C225         B-3         C336         F-2         C471         D-5         C853         E-4         D306         G-4         L851         E-3         R223         C-3         R316         F-3         R886         F-1         R815         F-2           C233         B-2         C339         F-3         C473         D-5         C856         E-4         D309         G-4         L853         E-3         R226         A-2         R319         F-3         R887         G-1         R817         B-2         C234         D-4         C474         D-4         C686         E-3         D312         F-4         L854         E-4         R226         B-4         R319         F-3         R887         G-1         R817         B-2         C234         F-2         C476         F-4         C857         E-4         D401         C-3         L856         E-4         R227         A-3         R821         F-4         R701 <td>SW210 A-3</td> <td></td> <td></td> <td><b>+</b></td> <td></td> <td>+</td> <td></td> <td>+</td> <td>1</td> <td>+</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><del> </del></td> <td></td> <td></td> <td></td> <td>1</td> <td></td>	SW210 A-3			<b>+</b>		+		+	1	+						<del> </del>				1	
C225   B-3	SW211 B-4			<b>+</b>		+		+		1		1				<del> </del>				1	
C232         B-2         C337         F-2         C472         F-5         C854         E-4         D307         F-4         L852         E-4         R224         B-3         R318         F-4         R868         F-1         R816         B-2           C233         B-2         C339         F-3         C473         D-4         C865         E-4         D309         G-4         L863         E-3         R225         A-2         R319         F-3         R687         G-1         R816         B-2           C236         B-2         C343         F-2         C476         F-5         C887         E-4         D401         C-3         L886         E-4         R227         A-3         R321         F-4         R701         A-5         R819         G-4           C236         B-2         C344         F-2         C478         F-4         C888         E-3         D402         D-4         TRANSISTORS         R228         A-1         R322         G-3         R701         A-5         R819         G-4           C237         B-2         C346         F-4         C488         E-3         D401         D-5         Q201         C-5         R229         B-3<	SW212 B-2					1				1						<u> </u>					
C233         B-2         C339         F-3         C473         D-5         C885         E-4         D309         G-4         L883         E-3         R225         A-2         R319         F-3         R887         G-1         R817         B-2           C234         C-3         G340         F-2         C474         D-4         C956         E-3         D312         F-4         L894         E-4         R226         B-4         R320         F-3         R688         G-1         R818         B-2           C236         B-2         C344         F-2         C476         F-5         C887         E-4         D401         C-3         L866         E-4         R227         A-3         R321         F-4         R701         A-6         R819         G-4           C236         B-2         C344         F-2         C478         F-4         C888         E-3         D402         D-4         TRANSISTORS         R228         A-1         R322         G-3         R702         A-5         R820         G-4           C237         B-2         C347         E-4         C484         F-4         C886         E-3         D680         E-1         Q201         C-5<	TEST POINTS			1		+		1								1				+	
C234         C-3         C340         F-2         C474         D-4         C866         E-3         D312         F-4         L854         E-4         R226         B-4         R320         F-3         R688         G-1         R818         B-2           C235         B-2         C343         F-2         C476         F-4         C687         E-4         D401         C-3         L856         E-4         R227         A-3         R321         F-4         R701         A-5         R819         G-4           C236         B-2         C344         F-2         C476         F-4         C686         E-3         D402         D-4         TRANSISTORS         R226         A-1         R321         F-4         R688         G-3         D402         D-4         TRANSISTORS         R26         A-5         R80         G-4         C237         B-2         C346         F-4         C479         F-5         C689         E-3         D471         D-5         Q201         C-5         R229         B-3         R323         F-3         R703         A-5         R821         G-4           C238         B-2         C347         E-4         C484         F-4         C880	TP001 D-5			1		1				1		1				ł				1	
C235         B-2         C343         F-2         C475         F-5         C857         E-4         D401         C-3         L856         E-4         R227         A-3         R321         F-4         R701         A-5         R819         G-4           C236         B-2         C344         F-2         C478         F-4         C858         E-3         D402         D-4         TRANSISTORS         R228         A-1         R322         G-3         R702         A-5         R820         G-4           C237         B-2         C346         F-4         C484         F-4         C860         E-3         D680         E-1         Q202         C-1         R231         B-4         R325         F-3         R704         A-5         R822         G-4           C239         B-2         C349         F-3         C485         F-4         C861         E-3         D681         F-1         Q206         C-3         R232         B-4         R327         F-3         R704         A-5         R822         G-4           C249         B-2         C349         F-3         C485         F-4         C861         B-3         D681         F-1         Q202         C-1<	TP002 D-5					+		+	1	1						<del> </del>				1	
C236         B-2         C344         F-2         C478         F-4         C858         E-3         D402         D-4         TRANSISTORS         R228         A-1         R322         G-3         R702         A-5         R820         G-4           C237         B-2         C346         F-4         C479         F-5         C859         E-3         D690         E-1         Q201         C-1         R228         B-3         R323         F-3         R703         A-5         R821         G-4           C239         B-2         C349         F-3         C485         F-4         C861         E-3         D681         F-1         Q202         C-1         R231         B-4         R325         F-3         R700         A-5         R822         G-4           C240         B-3         C401         D-3         C486         F-4         C862         D-3         D681         F-1         Q206         C-3         R232         B-4         R327         F-3         R750         B-2         R823         G-4           C240         B-3         C401         C-4         C864         D-3         D682         C-1         Q206         C-3         R232         B-4<	TP003 D-5					+				1						<del> </del>				+	
C237         B-2         C346         F-4         C479         F-5         C659         E-3         D471         D-5         Q201         C-5         R229         B-3         R323         F-3         R703         A-5         R821         G-4           C238         B-2         C347         E-4         C484         F-4         C860         E-3         D680         E-1         Q202         C-1         R231         B-4         R325         F-3         R704         A-5         R822         G-4           C239         B-2         C349         F-3         C485         F-4         C861         B-3         D681         F-1         Q206         C-3         R232         B-4         R325         F-3         R704         A-5         R822         G-4           C240         B-3         C401         D-3         C486         F-4         C682         D-3         D682         C-1         Q208         B-4         R233         F-5         R328         F-2         R751         G-3         R824         G-2         C241         B-3         C402         D-3         C683         D-3         D682         C-1         Q208         B-4         R334         E-2	TP004 D-5					1															
C238         B-2         C347         E-4         C484         F-4         C860         E-3         D680         E-1         Q202         C-1         R231         B-4         R325         F-3         R704         A-5         R822         G-4           C239         B-2         C349         F-3         C485         F-4         C361         E-3         D681         F-1         Q206         C-3         R232         B-4         R327         F-3         R750         B-2         R823         G-4           C240         B-3         C401         D-3         C486         F-4         C362         D-3         D682         C-1         Q208         B-4         R323         F-5         R328         F-2         R751         G-3         R824         G-2         C241         B-3         C402         D-3         D688         F-4         C362         D-3         D682         C-1         Q208         B-4         R233         F-5         R328         F-2         R752         G-3         R826         G-2         C242         B-2         C403         D-3         D684         E-1         Q401         C-4         R234         E-2         R753         G-3         R826 <td>TP006 G-5</td> <td></td> <td></td> <td></td> <td></td> <td>+</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td>	TP006 G-5					+		1								1				1	
C239         B-2         C349         F-3         C485         F-4         C861         E-3         D681         F-1         Q206         C-3         R232         B-4         R327         F-3         R750         B-2         R823         G-4           C240         B-3         C401         D-3         C488         F-4         C862         D-3         D682         C-1         Q208         B-4         R233         F-5         R328         F-2         R751         G-3         R824         G-2           C241         B-3         C402         D-3         C488         F-4         C683         D-3         D683         E-1         Q401         C-4         R234         B-4         R329         F-2         R752         G-3         R826         G-2           C242         B-2         C403         D-3         C489         D-4         C864         D-3         D684         E-1         Q402         C-5         R236         B-4         R334         E-2         R753         G-3         R826         G-2           C243         A-2         C404         D-3         C686         D-3         D685         F-1         Q471         D-3         R236	TP007 D-5					1		<b>+</b>		_		1				l					
C240         B-3         C401         D-3         C486         F-4         C862         D-3         D682         C-1         Q208         B-4         R233         F-5         R328         F-2         R751         G-3         R824         G-2           C241         B-3         C402         D-3         C488         F-4         C863         D-3         D683         E-1         Q401         C-4         R234         B-4         R329         F-2         R752         G-3         R825         G-2           C242         B-2         C403         D-3         C489         D-4         C864         D-3         D684         E-1         Q402         C-5         R236         B-4         R334         E-2         R753         G-3         R826         G-2         C246         D-3         C491         D-4         C865         D-3         D685         F-1         Q471         D-3         R238         B-4         R334         E-2         R754         G-3         R826         F-2         C245         B-3         C405         D-3         C486         D-3         D685         F-1         Q471         D-3         R238         B-4         R336         E-2         R755 <td>CRYSTAL OSCILATORS X201 B-4</td> <td>_</td> <td></td> <td></td> <td></td> <td><del>                                     </del></td> <td></td> <td>+</td> <td></td> <td>+</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td><b>†</b></td> <td></td> <td></td> <td></td> <td>1</td> <td></td>	CRYSTAL OSCILATORS X201 B-4	_				<del>                                     </del>		+		+				_		<b>†</b>				1	
C241         B-3         C402         D-3         C488         F-4         C863         D-3         D883         E-1         Q401         C-4         R234         B-4         R329         F-2         R752         G-3         R825         G-2           C242         B-2         C403         D-3         C489         D-4         C864         D-3         D684         E-1         Q402         C-5         R236         B-4         R334         E-2         R753         G-3         R826         G-2           C243         A-2         C404         D-3         C491         D-4         C365         D-3         D685         F-1         Q471         D-3         R238         B-4         R336         E-2         R754         G-3         R828         F-2           C245         B-3         C406         D-3         C681         F-1         C866         D-3         D702         A-5         Q680         F-1         R239         B-4         R336         E-2         R755         G-3         R829         E-2           C245         B-3         C406         D-3         C681         F-1         C867         D-3         D751         G-3         Q681	X201 B-4 X202 C-4					+										<del> </del>				1	
C242         B-2         C403         D-3         C489         D-4         C864         D-3         D684         E-1         Q402         C-5         R236         B-4         R334         E-2         R753         G-3         R826         G-2           C243         A-2         C404         D-3         C491         D-4         C865         D-3         D685         F-1         Q471         D-3         R238         B-4         R336         E-2         R754         G-3         R828         F-2           C246         B-3         C405         D-3         C493         D-4         C866         D-3         D702         A-5         Q680         F-1         R239         B-4         R336         E-2         R755         G-3         R829         E-2           C246         A-3         C406         D-3         C681         F-1         C867         D-3         D751         G-3         Q681         E-1         R240         B-4         R337         E-2         R756         G-3         R829         E-2           C247         A-3         C406         D-3         C682         D-3         D752         G-3         Q682         E-1         R241	X202 C-4 X301 F-3									1						<del> </del>					
C243         A-2         C404         D-3         C491         D-4         C865         D-3         D685         F-1         Q471         D-3         R238         B-4         R335         E-2         R754         G-3         R828         F-2           C245         B-3         C405         D-3         C493         D-4         C866         D-3         D702         A-5         Q680         F-1         R239         B-4         R336         E-2         R755         G-3         R829         E-2           C246         A-3         C406         D-3         C681         F-1         C867         D-3         D751         G-3         Q681         E-1         R240         B-4         R337         E-2         R756         G-3         R830         E-1           C247         A-3         C407         D-3         C682         F-2         C369         D-3         D752         G-3         Q682         G-1         R241         B-4         R338         G-4         R757         G-4         R831         D-1           C248         B-3         C408         D-3         C683         F-1         C870         D-4         D754         G-3         Q751	X401 C-3			<b>+</b>		+		+					1			-				1	
C245         B-3         C405         D-3         C493         D-4         C866         D-3         D702         A-5         Q680         F-1         R239         B-4         R336         E-2         R755         G-3         R829         E-2           C246         A-3         C406         D-3         C681         F-1         C867         D-3         D751         G-3         Q681         E-1         R240         B-4         R337         E-2         R756         G-3         R830         E-1           C247         A-3         C407         D-3         C682         F-2         C869         D-3         D752         G-3         Q682         G-1         R241         B-4         R338         G-4         R757         G-4         R831         D-1           C248         B-3         C408         D-3         C683         F-1         C870         D-4         D754         G-3         Q751         G-2         R242         C-3         R352         F-2         R758         G-2         R834         G-3           C249         A-3         C409         D-3         C684         E-2         C871         D-4         D755         G-2         Q752	MISCELLANEOUS			1		+										ł				1	
C246         A-3         C406         D-3         C681         F-1         C867         D-3         D751         G-3         Q681         E-1         R240         B-4         R337         E-2         R756         G-3         R830         E-1           C247         A-3         C407         D-3         C682         F-2         C869         D-3         D752         G-3         Q682         G-1         R241         B-4         R338         G-4         R757         G-4         R831         D-1           C248         B-3         C408         D-3         C683         F-1         C870         D-4         D754         G-3         Q751         G-2         R242         C-3         R352         F-2         R758         G-2         R834         G-3           C249         A-3         C409         D-3         C684         E-2         C871         D-4         D755         G-2         Q752         G-1         R245         B-3         R353         E-2         R759         G-2         R835         F-4           C250         D-1         C410         D-3         C685         F-1         C872         D-2         D757         G-3         Q753	JK701 A-5	1		<del>†</del>		+	1		1		1					<u> </u>				+	
C247         A-3         C407         D-3         C682         F-2         C869         D-3         D752         G-3         Q682         G-1         R241         B-4         R338         G-4         R757         G-4         R831         D-1           C248         B-3         C408         D-3         C683         F-1         C870         D-4         D754         G-3         Q751         G-2         R242         C-3         R352         F-2         R758         G-2         R834         G-3           C249         A-3         C409         D-3         C684         E-2         C871         D-4         D755         G-2         Q752         G-1         R245         B-3         R353         E-2         R759         G-2         R835         F-4           C250         D-1         C410         D-3         C685         F-1         C872         D-2         D757         G-3         Q753         G-2         R246         C-3         R391         G-4         R760         G-1         R836         G-4           C251         D-1         C411         D-3         C687         G-1         C874         D-3         D758         G-3         Q754	JK702 A-5					+				1						<del> </del>				1	
C248         B-3         C408         D-3         C683         F-1         C870         D-4         D754         G-3         Q751         G-2         R242         C-3         R352         F-2         R758         G-2         R834         G-3           C249         A-3         C409         D-3         C684         E-2         C871         D-4         D755         G-2         Q752         G-1         R245         B-3         R353         E-2         R759         G-2         R835         F-4           C250         D-1         C410         D-3         C685         F-1         C872         D-2         D757         G-3         Q753         G-2         R246         C-3         R391         G-4         R760         G-1         R836         G-4           C251         D-1         C411         D-3         C687         G-1         C874         D-3         D758         G-3         Q754         G-2         R247         B-3         R392         G-4         R761         G-2         R851         D-4           C252         D-1         C412         C-3         C701         G-4         C875         E-3         D759         G-3         Q755	JK751 G-3					1				1						<del> </del>				1	
C249         A-3         C409         D-3         C684         E-2         C871         D-4         D755         G-2         Q752         G-1         R245         B-3         R353         E-2         R759         G-2         R835         F-4           C250         D-1         C410         D-3         C685         F-1         C872         D-2         D757         G-3         Q753         G-2         R246         C-3         R391         G-4         R760         G-1         R836         G-4           C251         D-1         C411         D-3         C687         G-1         C874         D-3         D758         G-3         Q754         G-2         R247         B-3         R392         G-4         R761         G-2         R851         D-4           C252         D-1         C412         C-3         C701         G-4         C875         E-3         D759         G-3         Q755         G-2         R248         C-3         R393         G-4         R762         G-1         R852         E-4           C253         D-1         C413         D-3         C702         B-5         C876         D-4         D760         G-2         Q756	JK801 A-1	-		<b>-</b>		+				_						-				<b>-</b>	
C250         D-1         C410         D-3         C685         F-1         C872         D-2         D757         G-3         Q753         G-2         R246         C-3         R391         G-4         R760         G-1         R836         G-4           C251         D-1         C411         D-3         C687         G-1         C874         D-3         D758         G-3         Q754         G-2         R247         B-3         R392         G-4         R761         G-2         R851         D-4           C252         D-1         C412         C-3         C701         G-4         C875         E-3         D759         G-3         Q755         G-2         R248         C-3         R393         G-4         R762         G-1         R852         E-4           C253         D-1         C413         D-3         C702         B-5         C876         D-4         D760         G-2         Q756         E-2         R249         C-2         R400         C-4         R763         G-1         R853         E-4           C255         C-3         C414         C-3         C751         G-3         C877         E-4         D761         G-3         Q757	RS201 A-3			1		+		1								ł				1	
C251         D-1         C411         D-3         C687         G-1         C874         D-3         D758         G-3         Q754         G-2         R247         B-3         R392         G-4         R761         G-2         R851         D-4           C252         D-1         C412         C-3         C701         G-4         C875         E-3         D759         G-3         Q755         G-2         R248         C-3         R393         G-4         R762         G-1         R852         E-4           C253         D-1         C413         D-3         C702         B-5         C876         D-4         D760         G-2         Q756         E-2         R249         C-2         R400         C-4         R763         G-1         R853         E-4           C255         C-3         C414         C-3         C751         G-3         C877         E-4         D761         G-3         Q757         F-2         R250         B-2         R401         D-3         R766         G-2         R854         E-4	TU001 G-5			1		1				1						ł				1	
C252         D-1         C412         C-3         C701         G-4         C875         E-3         D759         G-3         Q755         G-2         R248         C-3         R393         G-4         R762         G-1         R852         E-4           C253         D-1         C413         D-3         C702         B-5         C876         D-4         D760         G-2         Q756         E-2         R249         C-2         R400         C-4         R763         G-1         R853         E-4           C255         C-3         C414         C-3         C751         G-3         C877         E-4         D761         G-3         Q757         F-2         R250         B-2         R401         D-3         R766         G-2         R854         E-4						+				+		1				<del> </del>				1	
C253         D-1         C413         D-3         C702         B-5         C876         D-4         D760         G-2         Q756         E-2         R249         C-2         R400         C-4         R763         G-1         R853         E-4           C255         C-3         C414         C-3         C751         G-3         C877         E-4         D761         G-3         Q757         F-2         R250         B-2         R401         D-3         R766         G-2         R854         E-4	1			1		1														1	
C255 C-3 C414 C-3 C751 G-3 C877 E-4 D761 G-3 Q757 F-2 R250 B-2 R401 D-3 R766 G-2 R854 E-4	1									1						<u> </u>				1	
	†	-		1		+										1				1	
C256 C-3 C415 C-3 C752 G-3 CONNECTORS D762 G-3 Q758 G-4 R257 B-2 R402 D-3 R767 G-2 R855 E-3	1	E-3	R855	G-2	R767	D-3	R402	B-2	R257	G-4	Q758	G-3	D762	!		G-3	C752	C-3	C415	C-3	C256
C257 D-1 C416 C-3 C753 G-3 CN201 D-1 D763 G-3 Q759 G-2 R258 B-2 R405 C-3 R768 G-2 R856 E-3						+		1			1			ı		<u> </u>				1	
C259 A-2 C417 C-3 C754 G-2 CN303 G-4 D764 C-2 Q760 G-2 R259 B-2 R406 B-5 R770 G-2 R857 E-3	1			1		1														1	

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1-8-66

## **WIRING DIAGRAM**



# [ 14PV111/ ( 01, 07, 58 ), 14PV112/ ( 07, 39 ), 14PV203/ ( 01, 07, 39, 58 ), 14PV415/ ( 01, 07, 39, 58 ), 14PV460/ ( 01, 07, 39, 58 ) ]

## **Comparison Chart of Models and Marks**

Model	Mark	Model	Mark
14PV111/07	Н	14PV111/58	Q
14PV112/07	I	14PV415/58	R
14PV415/07	J	14PV203/58	S
14PV203/07	K	14PV460/58	Т
14PV460/07	L	14PV112/39	U
14PV111/01	М	14PV415/39	V
14PV415/01	N	14PV203/39	W
14PV203/01	0	14PV460/39	Х
14PV460/01	Р		

## IC 201 (TV/VCR Micro Computer)

"H"  $\geq$  4.5V, "L"  $\leq$  1.0V

Pin No.	Mark	IN/ OUT	Signal Name	Function
1		-	NU	Not Used
2		IN	P-SAFETY 2	Power Supply Failure Detection 2
3		IN	P-SAFETY 1	Power Supply Failure Detection 1
4		IN	END-SENS	End-Sensor
5		IN	AFC	Automatic Frequency Control Signal
6		IN	V-ENV	Video Envelope Input
7		IN	KEY-1	Key 1 Input
8		IN	KEY-2	Key 2 Input
9		IN	LD-SW	Loading Switch Input
10		IN	ST-SENS	Start-Sensor
11		-	NU	Not Used
12		-	NU	Not Used
13		IN/ OUT	D-V SYNC	Artificial V-Sync Output
14		IN	REMOTE	Remote Signal Input
15		OUT	C-ROTA	Color Phase Rotary Changeover Signal
16		OUT	H-A-SW	Video Head Amp Switching Pulse
17		IN	H-A-COMP	Head Amp Comparator Signal

Pin No.	Mark	IN/ OUT	Signal Name	Function
18		OUT	RF-SW	Video Head Switching Pulse
19		-	NU	Not Used
20		-	NU	Not Used
21		-	NU	Not Used
22		OUT	RGB-CONT	RGB Control Signal
23		OUT	REC-LED	Recording LED Control Signal
24		OUT	REC-LED	Recording LED Control Signal
25		-	NU	Not Used
26		-	NU	Not Used
27		-	NU	Not Used
28		-	NU	Not Used
29		IN	RAPID-SW- IN	RAPID-Switch Input Signal from Scart Jack
30		IN	SLOW SW-IN	Slow-Switch Input Signal from Scart Jack
31		IN	REC- SAFETY	Record Protection Tab Detection
	U,V, W,X	-	NU	Not Used
32	H,I,J, K,L, M,N, O,P, Q,R, S,T	IN	SECAM-H	SECAM Mode at High
	U,V, W,X	-	NU	Not Used
33	H,I,J, K,L, M,N, O,P, Q,R, S,T	OUT	TRICK-H	Special Playback = "H" in SECAM Mode
34		IN	RESET	System Reset Signal (Reset="L")

1-12-4 T6310PIN

Pin No.	Mark	IN/ OUT	Signal Name	Function
35		IN	XCIN	Sub Clock 32 kHz
36		OUT	XCOUT	Sub Clock 32 kHz
37		-	TIMER+5V	Vcc
38		IN	XIN	Main Clock Input
39		OUT	XOUT	Main Clock Output
40		ı	GND	GND
41		OUT	SPOT-KILL	Counter-measure for Spot
42		OUT	EXT-L	External Input or Playback = Output
43		IN	CLKSEL	Clock Select (GND)
44		OUT	SP-MUTE	Speaker Mute Signal
45		IN	I2C-OPEN	White Balance Adjust Mode Judgment
46		ı	GND	GND
47		ı	NU	Not Used
48		OUT	SCART-H	Switching Signal of Scart Jack and RCA Jack
49		-	OSDGND	OSD GND
50		-	NU	Not Used
51		ı	NU	Not Used
52		-	NU	Not Used
53		-	OSDVcc	OSDVcc
54		-	HLF	HLF
55		-	NU	Not Used
56		IN	C-VIDEO	Video Signal Input
57		-	GND	GND
58		IN	H-SYNC	H-SYNC Input
59		IN	V-SYNC	V-SYNC Input
60		OUT	OSD-BLK	Output for Picture Cut off
61		1	NU	Not Used
62		OUT	OSD-B	Blue Output
63		OUT	OSD-G	Green Output
64		OUT	OSD-R	Red Output
65		OUT	D-REC-H	Delayed Record Signal
66		-	NU	Not Used
67		OUT	P-ON-H	Power On Signal at High

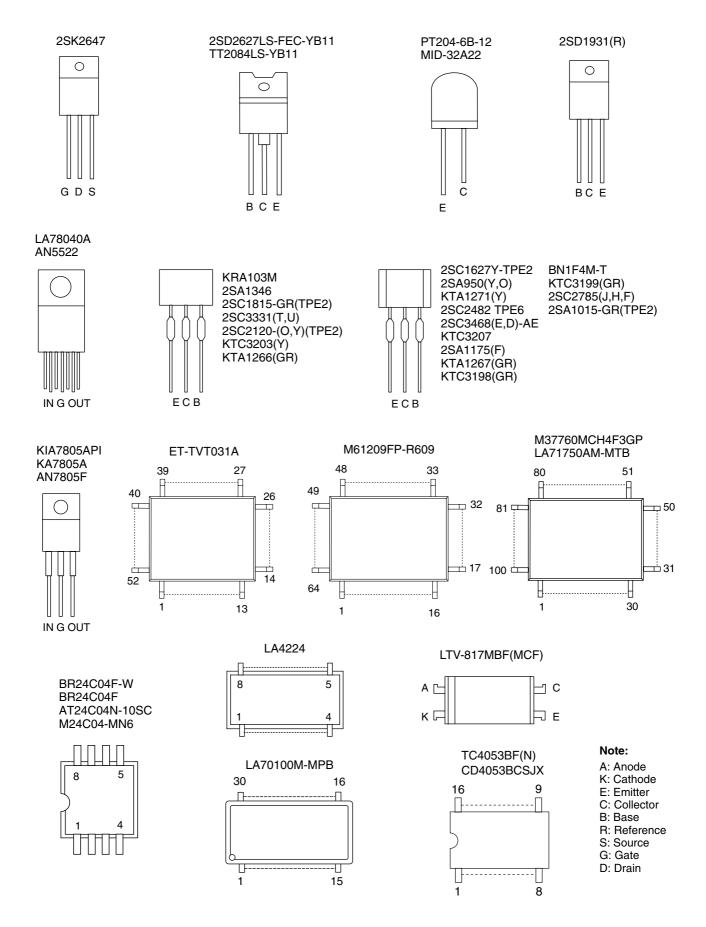
Pin No.	Mark	IN/ OUT	Signal Name	Function
68		-	NU	Not Used
69		-	NU	Not Used
70		-	NU	Not Used
71		OUT	SCL	E2PROM/ CHROMA IC Tuner Communication Clock
72		IN/ OUT	SDA	E2PROM/ CHROMA IC Tuner Communication Data
73		OUT	SCART- MUTE	Audio Mute Signal at Scart Jack
74		IN	C-SYNC	C-Sync Input
75		-	NU	Not Used
76		OUT	C-CONT	Capstan Motor Control Signal
77		OUT	D-CONT	Drum Motor Control Signal
78		OUT	C-F/R	Capstan Motor FWD/REV Control Signal (FWD="L"/ REV="H")
79		-	NU	Not Used
80		IN	T-REEL	Take Up Reel Rotation Signal
81		OUT	LD-CONT	Loading Motor Control Signal
82		OUT	TEXT-L	Teletext Control Signal
83		OUT	A-MUTE-H	Audio Mute Control Signal (Mute = "H")
84		-	NU	Not Used
85		OUT	P-DOWN-L	Power Voltage Down Detector Signal at Low
86			NU	Not Used
87		IN	C-FG	Capstan Motor Rotation Detection Pulse
88		1	AMPVss	AMPVss (GND)
89		IN	D-FG	Drum Motor Rotation Detection Pulse
90		IN	D-PG	Drum Motor Pulse Generator

1-12-5 T6310PIN

Pin No.	Mark	IN/ OUT	Signal Name	Function
91		OUT	AMPVREF OUT	Standard Voltage Output
92		IN	AMPVREF IN	Standard Voltage Input
93		-	С	C Terminal
94		IN/ OUT	CTL (-)	CTL (-)
95		IN/ OUT	CTL (+)	CTL (+)
96		-	AMPC	AMPC
97		OUT	CTLAMP OUT	Control Amp Output
98		-	AMPVcc	AMPVcc
99		-	AVcc	A/D Converter Power Input/ Standard Voltage Input
100		IN	AGC	IF AGC Control Signal

1-12-6 T6310PIN

# [ 14PV111/ ( 01, 07, 58 ), 14PV112/ ( 07, 39 ), 14PV203/ ( 01, 07, 39, 58 ), 14PV415/ ( 01, 07, 39, 58 ), 14PV460/ ( 01, 07, 39, 58 ) ]



1-13-2 T6310LE

## PRODUCT SAFETY NOTE: Products marked with a A

have special characteristics important to safety.

Before replacing any of these components, read carefully the product safety notice in this service manual.

Don't degrade the safety of the product through improper servicing.

## NOTES:

C....±0.25% D....±0.5% F....±1% G....±2% J....±5% K....±10% M....±20% N....±30% Z....+80/-20%

Pos.	ELECTRI	ICAL PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
		MMA CBA						l											
		Consists of the following																	
		MAIN CBA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		JUNCTION A CBA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		JUNCTION B CBA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		JUNCTION C CBA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		SENSOR CBA	+ '	Ė	Ė	Ė	<u> </u>	Ė	Ė	-	<u> </u>	<u> </u>	-	Ė		Ľ	-		
		MAIN CBA						<u> </u>			<u> </u>	<u> </u>		<u> </u>		<u> </u>			
		CAPACITORS																	
C009		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C010		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C011		CERAMIC CAP.(AX) B K 0.01UF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C012		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C013		ELECTROLYTIC CAP. 47UF/25V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C014		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C016		CERAMIC CAP.(AX) SL J 33PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C017		ELECTROLYTIC CAP. 4.7UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C201		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C202		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C203		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C204		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C205		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C206		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C207		ELECTROLYTIC CAP. 47UF/25V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C208		CERAMIC CAP.(AX) B K 100PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C210		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C211		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C212		CERAMIC CAP.(AX) SL J 22PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C213		CERAMIC CAP.(AX) SL J 22PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C214		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C215		CERAMIC CAP.(AX) Y N 0.022UF/6V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C216		ELECTROLYTIC CAP. 220UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C217		CERAMIC CAP.(AX) SL J 10PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C218		CERAMIC CAP.(AX) SL J 10PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C219		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C220		CERAMIC CAP.(AX) X M 4700PF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C221		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C222		CERAMIC CAP.(AX) X M 2200PF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C223		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C224		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C225		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C232		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C233		CERAMIC CAP.(AX) F Z 0.1UF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C234		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C235		CERAMIC CAP.(AX) F Z 0.1UF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C236		CERAMIC CAP.(AX) B K 100PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C237		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C238		CERAMIC CAP.(AX) F Z 0.047UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

C239 C240 C241 C242 C243 C245 C246 C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320	12 NC	Description  ELECTROLYTIC CAP. 47UF/6.3V M H7  CERAMIC CAP.(AX) F Z 0.047UF/16V  CERAMIC CAP.(AX) B K 560PF/50V  CERAMIC CAP.(AX) B K 560PF/50V  ELECTROLYTIC CAP. 22UF/16V M H7  CERAMIC CAP.(AX) Y N 0.022UF/6V  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) Y N 0.01UF/16V  CERAMIC CAP.(AX) Y N 0.022UF/6V  ELECTROLYTIC CAP. 22UF/50V M  CERAMIC CAP.(AX) B K 1000PF/50V  CERAMIC CAP.(AX) B K 1000PF/50V  ELECTROLYTIC CAP. 100UF/10V M  ELECTROLYTIC CAP. 22UF/16V M  CERAMIC CAP.(AX) B K 560PF/50V  ELECTROLYTIC CAP. 0.1UF/50V M H7  ELECTROLYTIC CAP. 0.1UF/50V M H7  ELECTROLYTIC CAP. 100UF/16V M  CERAMIC CAP.(AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 1UF/50V M  CERAMIC CAP.(AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M  CERAMIC CAP.(AX) Y M 0.01UF/16V	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14PV203/01	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14PV112/07	14PV203/07	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14PV460/07	14PV11/58	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14PV415/58	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14PV460/39
C240 C241 C242 C243 C245 C246 C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) F Z 0.047UF/16V CERAMIC CAP.(AX) B K 560PF/50V CERAMIC CAP.(AX) X M 4700PF/16V ELECTROLYTIC CAP. 22UF/16V M H7 CERAMIC CAP.(AX) Y N 0.022UF/6V ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) Y N 0.01UF/16V CERAMIC CAP.(AX) Y N 0.01UF/16V CERAMIC CAP.(AX) Y N 0.022UF/6V ELECTROLYTIC CAP. 22UF/50V M CERAMIC CAP.(AX) B K 1000PF/50V CERAMIC CAP.(AX) B K 1000PF/50V ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 22UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 100UF/16V M CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1
C241 C242 C243 C245 C246 C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) B K 560PF/50V CERAMIC CAP.(AX) X M 4700PF/16V ELECTROLYTIC CAP. 22UF/16V M H7 CERAMIC CAP.(AX) Y N 0.022UF/6V ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) Y N 0.022UF/6V ELECTROLYTIC CAP. 22UF/50V M CERAMIC CAP.(AX) B K 1000PF/50V CERAMIC CAP.(AX) B K 1000PF/50V ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 0.1UF/50V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1
C242 C243 C243 C245 C246 C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) X M 4700PF/16V  ELECTROLYTIC CAP. 22UF/16V M H7  CERAMIC CAP.(AX) Y N 0.022UF/6V  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) Y M 0.01UF/16V  CERAMIC CAP.(AX) Y M 0.01UF/16V  CERAMIC CAP.(AX) Y N 0.022UF/6V  ELECTROLYTIC CAP. 22UF/50V M  CERAMIC CAP.(AX) B K 1000PF/50V  CERAMIC CAP.(AX) B K 1000PF/50V  ELECTROLYTIC CAP. 100UF/10V M  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP.(AX) B K 560PF/50V  ELECTROLYTIC CAP. 0.1UF/50V M H7  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP.(AX) Y M 0.01UF/16V  CERAMIC CAP.(AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
C243 C245 C246 C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 22UF/16V M H7 CERAMIC CAP.(AX) Y N 0.022UF/6V ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) Y M 0.01UF/16V ELECTROLYTIC CAP. 22UF/50V M CERAMIC CAP.(AX) B K 1000PF/50V CERAMIC CAP.(AX) B K 1000PF/50V ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 22UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1
C245 C246 C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) Y N 0.022UF/6V  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) Y M 0.01UF/16V  CERAMIC CAP.(AX) Y N 0.022UF/6V  ELECTROLYTIC CAP. 22UF/50V M  CERAMIC CAP.(AX) B K 1000PF/50V  CERAMIC CAP.(AX) B K 1000PF/50V  ELECTROLYTIC CAP. 100UF/10V M  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP.(AX) B K 560PF/50V  ELECTROLYTIC CAP. 0.1UF/50V M H7  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP.(AX) Y M 0.01UF/16V M  CERAMIC CAP.(AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1
C246 C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) Y N 0.022UF/6V ELECTROLYTIC CAP. 22UF/50V M CERAMIC CAP.(AX) B K 1000PF/50V CERAMIC CAP.(AX) B K 1000PF/50V ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
C247 C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) Y N 0.022UF/6V ELECTROLYTIC CAP. 22UF/50V M CERAMIC CAP.(AX) B K 1000PF/50V CERAMIC CAP.(AX) B K 1000PF/50V ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
C248 C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) Y N 0.022UF/6V  ELECTROLYTIC CAP. 22UF/50V M  CERAMIC CAP.(AX) B K 1000PF/50V  CERAMIC CAP.(AX) B K 1000PF/50V  ELECTROLYTIC CAP. 100UF/10V M  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP.(AX) B K 560PF/50V  ELECTROLYTIC CAP. 0.1UF/50V M H7  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP.(AX) Y M 0.01UF/16V  CERAMIC CAP.(AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1	1 1 1	1 1 1
C249 C250 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 22UF/50V M CERAMIC CAP.(AX) B K 1000PF/50V CERAMIC CAP.(AX) B K 1000PF/50V ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
C250 C251 C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) B K 1000PF/50V CERAMIC CAP.(AX) B K 1000PF/50V ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1	1	1
C251 C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP. (AX) B K 1000PF/50V  ELECTROLYTIC CAP. 100UF/10V M  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP. (AX) B K 560PF/50V  ELECTROLYTIC CAP. 0.1UF/50V M H7  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP. (AX) Y M 0.01UF/16V  CERAMIC CAP. (AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP. (AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1	1 1 1	1	1	1	1	1	1	1	1	1	1	1
C252 C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 100UF/10V M ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1	1 1 1	1	1	1	1	1	1	1	1	1	-	_	-
C253 C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) B K 560PF/50V ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1 1 1	1 1 1 1	1 1 1	1 1 1	1	1	_							_		_' '	
C255 C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) B K 560PF/50V  ELECTROLYTIC CAP. 0.1UF/50V M H7  ELECTROLYTIC CAP. 220UF/16V M  CERAMIC CAP.(AX) Y M 0.01UF/16V  CERAMIC CAP.(AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1 1	1 1 1	1 1 1	1	1									1	1	1	1
C256 C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 0.1UF/50V M H7 ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1 1	1 1 1	1	1			1	1	1	1	1	1	1	1	1	1	1
C257 C259 C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 220UF/16V M CERAMIC CAP.(AX) Y M 0.01UF/16V CERAMIC CAP.(AX) F Z 0.047UF/16V ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1 1 1	1	1			1	1	1	1	1	1	1	1	1	1	1	1
C260 C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) F Z 0.047UF/16V  ELECTROLYTIC CAP. 1UF/50V M  ELECTROLYTIC CAP. 47UF/25V M  CERAMIC CAP.(AX) X M 3300PF/16V  ELECTROLYTIC CAP. 1UF/50V M	1	-	1		1	1	1	1	1	1	1	1	1	1	1	1	1
C261 C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
C262 C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 47UF/25V M CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	_		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C301 C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) X M 3300PF/16V ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C302 C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 1UF/50V M		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C303 C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		<u> </u>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C304 C305 C306 C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C305 C306 C307 C314 C315 C316 C317 C318 C319 C320			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C306 C307 C314 C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 1000UF/6.3V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C307 C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C314 C315 C316 C317 C318 C319 C320		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C315 C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C316 C317 C318 C319 C320		ELECTROLYTIC CAP. 100UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C317 C318 C319 C320		ELECTROLYTIC CAP. 0.1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C318 C319 C320		FILM CAP.(P) 0.1UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C319 C320		CERAMIC CAP. (AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C320		ELECTROLYTIC CAP. 1000UF/6.3V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		CERAMIC CAP. (AX) B K 180PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C321		CERAMIC CAP. (AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C322		ELECTROLYTIC CAP. 0.1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C323		ELECTROLYTIC CAP. 10.101/30V M	1		1		1				1						1	1	
C324		CERAMIC CAP.(AX) B K 150PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C325		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C326		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C327		FILM CAP.(P) 0.015UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C328		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C329		ELECTROLYTIC CAP. 470UF/10V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C330		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C331		FILM CAP.(P) 0.22UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C332		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C334		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C335		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C336		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C337		ELECTROLYTIC CAP. 10UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C339		CERAMIC CAP.(AX) SL J 68PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C340		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C343		ELECTROLYTIC CAP. 470UF/10V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C344		FILM CAP.(P) 0.22UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C346		ELECTROLYTIC CAP. 100UF/10V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C347		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C349	-	CERAMIC CAP.(AX) B K 1000PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C401	-	CERAMIC CAP.(AX) F Z 0.047UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C402		CERAMIC CAP.(AX) Y N 0.022UF/6V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C403		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C404		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C405 C406		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1			. 1	1	1	1	1	1	1	1

CERAMIC CAP AND Y NO DUZDIENY		ELECTRICA	AL PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
CA09	Pos.	▲ 12 NC	Description	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
CA190	C407		,	1	1	_	_				_			1		1	1	_	1	1
CERAMIC CAP JANY M GOLUPTOV  1			, ,	1	-						_	_	1	1	1		_		_	1
CRAMIC CAP (AND Y NO O02UFREW					1	_										_		+		1
CREAMIC CAP (AND Y N O 002/UFROY M PT			` '		1									_	_			_	_	1
ELECTROLYTIC CAP, TUFFSOW MY  1			, , , , , , , , , , , , , , , , , , , ,				_			_						_	_	+	_	1
CERAMIC CAPLAXI Y MO DIUP/ROV  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			` '		1								_					_		1
C416   CERAMIC CAP, LAX) Y M 0.01 UP/16V				_		_	_			_							_	_		1
CA16  CERAMIC CAP, (AX) Y M OJ OLUP/16V  ELECTROLYTIC CAP, ATUPES AV M T7			` '										_					_		1
ELECTROLYTIC CAP, AUPRES VM H7			` ,						_							_	_	+	_	1
ELECTROLYTIC CAP, JUP/SOV M H7  ELECTROLYTIC CAP, JUP/SOV M H7			` '		_								_					_		1
ELECTRICLYTIC CAP. PLUPSOV M H7  1																_	_	+	_	1
ELECTROLYTIC CAP . ATUFRS W HT				_	-	_						_		_				_		1
CERAMIC CAP. (AX) F.Z. O. I   F.   1							_		_									_		1
ELECTROLYTIC CAP. 19679V M H7														_	_	_		_		1
ELECTROLYTIC CAP.   TUP/SOV M   M   N   N   N   N   N   N   N   N			, , , , , , , , , , , , , , , , , , , ,			_	_		_		_					_	_	+	_	1
C426  CERAMIC CAP, AND Y M 0 01UF/16V  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																_	_	_		1
ELECTROLYTIC CAP 220UFi6 3V M H7					_	_										_	_	1	_	1
ELECTROLYTIC CAP, 1UF/SOV M H7			,			_						_						+	_	1
ELECTROLYTIC CAP. 10UF/25V M H7	C427		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ELECTROLYTIC CAP. 22UF/16V M H7	C428		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C432	C429		ELECTROLYTIC CAP. 10UF/25V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C434   CERAMIC CAP, (AX) B K 150PF/50V	C430		ELECTROLYTIC CAP. 22UF/16V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CERAMIC CAP_(AX) F Z_0.0471E/16V	C432		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C435   CERAMIC CAP.(AX) B K 220PF/50V	C433		CERAMIC CAP.(AX) B K 150PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ELECTROLYTIC CAP. 1001/F/63V H7  ELECTROLYTIC CAP. 101/F/50V M H7  ELECTROLYTIC CAP. 2011/F/50V M H7  ELECTROLYTIC CAP. 101/F/50V M H7  ELECTROLYTIC CAP. 4.70/F/50V M H7  ELECTROLYTIC CAP. 0.470/F/50V M H7  ELECTROLYTIC CAP. 0.000/F/50V M H7  ELECTROLYTIC CAP. 0.000/F/50V M H7  ELECTROLYTIC CAP. 0.000/	C434		( ,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ELECTROLYTIC CAP. 1UF/50V M H7	C435		CERAMIC CAP.(AX) B K 220PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C438   CERAMIC CAP.(AX) F Z 0.1UF/50V				1	1							1	1	1	1	1	1	_		1
ELECTROLYTIC CAP. 220UF/6.3V M H7					1									_				_		1
C441         CERAMIC CAP.(AX) F Z 0.1UF/50V         1																_	_	+	_	1
C442         ELECTROLYTIC CAP. 10UF/25V M H7         1													_					_		1
CERAMIC CAP.(AX) B K 1000PF/50V			,	_		_	_			_							_	_		1
C4444         ELECTROLYTIC CAP. 1UF/50V M H7         1													_					_		1
C445 CERAMIC CAP.(AX) SL J 68PF/50V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				-							_		-	_	_		_	+		1
C446         CERAMIC CAP.(AX) F Z 0.1UF/50V         1					1													-		1
C447         CERAMIC CAP.(AX) SL J 68PF/50V         1			, , , , , , , , , , , , , , , , , , , ,		_	_	1	_	_		_	_	1	<del></del>	<del></del>		_			1
C448         ELECTROLYTIC CAP. 4.7UF/50V M H7         1				1						1			1	1	1					1
CERAMIC CAP.(AX) SL J 68PF/50V			` ,		-						_	_	-	-						1
CERAMIC CAP.(AX) SL J 68PF/50V					1	_			_			_				_	_	+	_	-
C452   ELECTROLYTIC CAP. 47UF/6.3V M H7			` '		1	_			_		_	_				_	_	+	_	1
C471         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C472         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C473         ELECTROLYTIC CAP. 1UF/50V M H7         1 1 1 1           C474         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C475         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C476         ELECTROLYTIC CAP. 10UF/25V M H7         1 1 1 1           C479         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C484         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C485         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C486         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C488         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C491         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C493         ELECTROLYTIC CAP. 2.2UF/50V M H7         1 1 1 1           C681         ELECTROLYTIC CAP. 47UF/25V M         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			, ,										_					_		1
CERAMIC CAP. (AX) Y M 0.01UF/16V  C473  ELECTROLYTIC CAP. 1UF/50V M H7  C474  ELECTROLYTIC CAP. 0.47UF/50V M H7  C475  CERAMIC CAP. (AX) Y M 0.01UF/16V  C478  ELECTROLYTIC CAP. 10UF/25V M H7  C479  ELECTROLYTIC CAP. 10UF/25V M H7  C479  ELECTROLYTIC CAP. 0.47UF/50V M H7  C484  CERAMIC CAP. (AX) Y M 0.01UF/16V  C485  CERAMIC CAP. (AX) Y M 0.01UF/16V  C486  ELECTROLYTIC CAP. 0.47UF/50V M H7  C488  CERAMIC CAP. (AX) Y M 0.01UF/16V  C489  CERAMIC CAP. (AX) B K 820PF/50V  C489  CERAMIC CAP. (AX) B K 820PF/50V  C491  CERAMIC CAP. (AX) B K 820PF/50V  C493  ELECTROLYTIC CAP. 2.2UF/50V M H7  C681  ELECTROLYTIC CAP. 2.2UF/50V M H7  C682  ELECTROLYTIC CAP. 47UF/25V M				•	•	Ė	•	·	Ė	•	Ė	Ė	•	•	•	Ė		_	-	1
C473			, ,																	1
C474         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C475         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C478         ELECTROLYTIC CAP. 10UF/25V M H7         1 1 1 1           C479         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C484         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C485         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C486         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C488         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C491         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C491         CERAMIC CAP.(AX) F Z 0.1UF/50V         1 1 1 1         1 1 1           C681         ELECTROLYTIC CAP. 2.2UF/50V M H7         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			` '														1	1	1	1
C478         ELECTROLYTIC CAP. 10UF/25V M H7         1 1 1 1           C479         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C484         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C485         CERAMIC CAP.(AX) Y M 0.01UF/16V         1 1 1 1           C486         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C488         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C489         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C491         CERAMIC CAP.(AX) F Z 0.1UF/50V         1 1 1 1           C493         ELECTROLYTIC CAP. 2.2UF/50V M H7         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																	1	1	1	1
C479       ELECTROLYTIC CAP. 0.47UF/50V M H7       1 1 1 1 1         C484       CERAMIC CAP.(AX) Y M 0.01UF/16V       1 1 1 1 1         C485       CERAMIC CAP.(AX) Y M 0.01UF/16V       1 1 1 1 1         C486       ELECTROLYTIC CAP. 0.47UF/50V M H7       1 1 1 1 1         C488       CERAMIC CAP.(AX) B K 820PF/50V       1 1 1 1 1         C489       CERAMIC CAP.(AX) B K 820PF/50V       1 1 1 1 1         C491       CERAMIC CAP.(AX) F Z 0.1UF/50V       1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C475		CERAMIC CAP.(AX) Y M 0.01UF/16V														1	1	1	1
C484       CERAMIC CAP.(AX) Y M 0.01UF/16V       1 1 1 1 1         C485       CERAMIC CAP.(AX) Y M 0.01UF/16V       1 1 1 1 1         C486       ELECTROLYTIC CAP. 0.47UF/50V M H7       1 1 1 1 1         C488       CERAMIC CAP.(AX) B K 820PF/50V       1 1 1 1 1         C489       CERAMIC CAP.(AX) B K 820PF/50V       1 1 1 1 1         C491       CERAMIC CAP.(AX) F Z 0.1UF/50V       1 1 1 1 1         C493       ELECTROLYTIC CAP. 2.2UF/50V M H7       1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C478		ELECTROLYTIC CAP. 10UF/25V M H7														1	1	1	1
C485       CERAMIC CAP. (AX) Y M 0.01UF/16V       1 1 1 1         C486       ELECTROLYTIC CAP. 0.47UF/50V M H7       1 1 1 1         C488       CERAMIC CAP. (AX) B K 820PF/50V       1 1 1 1         C489       CERAMIC CAP. (AX) B K 820PF/50V       1 1 1 1         C491       CERAMIC CAP. (AX) F Z 0.1UF/50V       1 1 1 1         C493       ELECTROLYTIC CAP. 2.2UF/50V M H7       1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C479		ELECTROLYTIC CAP. 0.47UF/50V M H7														1	1	1	1
C486         ELECTROLYTIC CAP. 0.47UF/50V M H7         1 1 1 1           C488         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C489         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C491         CERAMIC CAP.(AX) F Z 0.1UF/50V         1 1 1 1           C493         ELECTROLYTIC CAP. 2.2UF/50V M H7         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C484		CERAMIC CAP.(AX) Y M 0.01UF/16V														1	1	1	1
C488         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C489         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C491         CERAMIC CAP.(AX) F Z 0.1UF/50V         1 1 1 1           C493         ELECTROLYTIC CAP. 2.2UF/50V M H7         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C485		CERAMIC CAP.(AX) Y M 0.01UF/16V														1	1	1	1
C489         CERAMIC CAP.(AX) B K 820PF/50V         1 1 1 1           C491         CERAMIC CAP.(AX) F Z 0.1UF/50V         1 1 1 1 1           C493         ELECTROLYTIC CAP. 2.2UF/50V M H7         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C486		ELECTROLYTIC CAP. 0.47UF/50V M H7														1	1	1	1
C491 CERAMIC CAP.(AX) F Z 0.1UF/50V	C488		CERAMIC CAP.(AX) B K 820PF/50V														1	1	1	1
C493         ELECTROLYTIC CAP. 2.2UF/50V M H7         1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C489		CERAMIC CAP.(AX) B K 820PF/50V														1	1	1	1
C681         ELECTROLYTIC CAP. 10UF/50V M         1 <t< td=""><td></td><td></td><td>` ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td></t<>			` ,																1	1
C682         ELECTROLYTIC CAP. 47UF/25V M         1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td>+</td><td></td><td>1</td></t<>																	_	+		1
C683         ELECTROLYTIC CAP. 100UF/16V M         1         <					1	_		_	_		_	_	1	1		1	_	_		1
C684         CERAMIC CAP.(AX) B K 100PF/50V         1				_	1	_			_		_						1	_	_	1
C685         ELECTROLYTIC CAP. 47UF/25V M         1 <t< td=""><td></td><td></td><td></td><td></td><td>1</td><td>_</td><td></td><td></td><td>_</td><td>_</td><td>_</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></t<>					1	_			_	_	_	1	1	1	1	1	1	1	1	1
C687 CERAMIC CAP.(AX) Y M 0.01UF/16V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			, ,						_				_			_		_	_	1
					-	_			_					_	_	_		_		1
C701			` ,	1	1		1	_					<b>—</b>	1	1					1
C702 CERAMIC CAP.(AX) B K 330PF/50V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1	_			_		_		-	_	_	_		+		1

E	ELECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	12 NC	Description	4	14	14	14	14	14	14	14	14	141	14	14	14	141	14	14	14
C751		ELECTROLYTIC CAP. 4.7UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C752		CERAMIC CAP.(AX) X M 6800PF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C753		ELECTROLYTIC CAP. 0.22UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C754		ELECTROLYTIC CAP. 470UF/10V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C755		ELECTROLYTIC CAP. 100UF/10V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C756 C757		ELECTROLYTIC CAP. 1UF/50V M ELECTROLYTIC CAP. 0.47UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C757		ELECTROLYTIC CAP. 0.470F/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C759		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C760		ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C761		CERAMIC CAP.(AX) B K 1000PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C762		CERAMIC CAP.(AX) B K 270PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C767		ELECTROLYTIC CAP. 0.47UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C768		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C769		ELECTROLYTIC CAP. 470UF/10V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C773 C774		ELECTROLYTIC CAP. 1UF/50V M CERAMIC CAP.(AX) SL J 68PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C774 C775		CERAMIC CAP.(AX) SL J 68PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C776		CERAMIC CAP.(AX) F Z 0.1UF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C777		CERAMIC CAP.(AX) B K 100PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C778		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C779		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C801		ELECTROLYTIC CAP. 330UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C802		ELECTROLYTIC CAP. 470UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C803		ELECTROLYTIC CAP. 10UF/25V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C804 C805		ELECTROLYTIC CAP. 0.22UF/50V M H7 CERAMIC CAP.(AX) F Z 0.047UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C806		CERAMIC CAP.(AX) F Z 0.0470F/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C807		CERAMIC CAP.(AX) B K 330PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C809		CERAMIC CAP.(AX) B K 100PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C810		CERAMIC CAP.(AX) B K 100PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C811		CERAMIC CAP.(AX) F Z 0.047UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C813		FILM CAP.(P) 0.1UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C851		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C852		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C853 C854		CERAMIC CAP. B K 470PF/500V FILM CAP.(P) 0.018UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C855		ELECTROLYTIC CAP. 220UF/6.3V M H7	1			1	_		_		1	1		1		1	1	1	1
C856		CERAMIC CAP.(AX) X M 1800PF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C857		CERAMIC CAP.(AX) X M 1500PF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C858		ELECTROLYTIC CAP. 4.7UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C859		CERAMIC CAP.(AX) SL J 33PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C860		ELECTROLYTIC CAP. 10UF/25V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C861		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C862 C863		ELECTROLYTIC CAP. 33UF/10V H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C864		ELECTROLYTIC CAP. 1UF/50V M H7 CERAMIC CAP.(AX) Y N 0.022UF/6V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C865		ELECTROLYTIC CAP. 4.7UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C866		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C867		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C869		ELECTROLYTIC CAP. 1UF/50V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C870		CERAMIC CAP.(AX) Y M 0.01UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C871		ELECTROLYTIC CAP. 47UF/6.3V M H7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C872		CERAMIC CAP.(AX) B K 150PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C874		CERAMIC CAP.(AX) B K 220PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C875		CERAMIC CAP (AX) X M 4700PF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C876 C877		CERAMIC CAP.(AX) Y N 0.022UF/6V CERAMIC CAP.(AX) Y N 0.022UF/6V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C877 CL301A	9965 000 13836	LEAD WIRE 4P/300	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CL301A CL302A		LEAD WIRE 7P/200	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CL603A		LEAD WIRE 15P(7+8)/330	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CL702A		WIRE 140/BRO/AWG18#1007	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		CONNECTORS					_												
CN201	9965 000 13840	FFC/FPC CONNECTOR 12P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	ELECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	1,	1,	1	7	1,	1,	1,	1,	1,	1,	1,	1,	1,	1,	1,	7	1,
CN303	9965 000 13841	CONNECTOR BASE, 5P TUC-P05P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN701	+	CONNECTOR BASE 4P TUC-P04P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN702	9965 000 05247	CONNECTOR BASE 4P TUC-P04P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN751	9965 000 13842	CONNECTOR BASE, 8P TUC-P08P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN752	9965 000 13843	CONNECTOR BASE, 6P TUC-P06P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN801	9965 000 13844	STRAIGHT CONNECTOR	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN801		STRAIGHT PIN HEADER, 2P 173981-2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D004	0005 000 05050	DIODES	T 4		-	-	-		· ·	-	-	-		_				_	
D201 D202		LED SIR-563ST3F P LED(RED) L-1513EC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D202 D203	+	LED(RED) L-1513EC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D203 D206	9965 000 13646	ZENER DIODE MTZJT-775.6B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D200 D207	9965 000 05249	ZENER DIODE MTZJT-775.6B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D207	9965 000 03249	DIODE 1N5397-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D210		ZENER DIODE MTZJT-776.2B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D211		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D213		ZENER DIODE MTZJT-776.2B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D213	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D215	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D216	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D217	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D218	9965 000 05249	ZENER DIODE MTZJT-775.6B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D219	+	ZENER DIODE MTZJT-775.6B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D301		ZENER DIODE MTZJT-778.2B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D304	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D305		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D306	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D307	9965 000 11153	ZENER DIODE MTZJT-778.2B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D309	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D312	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D401	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D402	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D471	4822 130 32778	SWITCHING DIODE 1SS133(T-77)														1	1	1	1
D680	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D681	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D682	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D683	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D684	9965 000 05249	ZENER DIODE MTZJT-775.6B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D685	4822 130 11629	ZENER DIODE MTZJT-776.8B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D702	4822 130 83166	ZENER DIODE MTZJT-776.2B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D751		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D752	4822 130 32778	` ′	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D754	9965 000 12904		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D755		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D757		ZENER DIODE MTZJT-776.2B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D758	4822 130 83166		1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
D759	4822 130 83166		1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
D760		ZENER DIODE MTZJT-775.6B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D761		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	-
D762		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D763		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D764		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D801	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1
D802	0065 000 40040	PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D804	9965 000 13848	ZENER DIODE MTZJT-777.5B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D805		SWITCHING DIODE 188133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
D806	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IC201	9965 000 14389	IC's MICRO COMPUTER M37760MCH4F3GP	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IC201 IC202	9965 000 14389	IC:MEMORY BR24C04F-W	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	_
IC202 IC301	9965 000 13030	IC:CHROMA/IF 1 CHIP M61209FP-R609	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
IC301 IC401	9965 000 13850	IC:Y/C/A LA71750AM-MTB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IC401 IC471		IC:SECAM LA70100M-MPB			-	ı	1	<u> </u>	1	<del>                                     </del>	<del>                                     </del>	1	<u> </u>	<del>                                     </del>	<u> </u>	1	_	1	-
	+		1	1	1	1	1	1	1	1	1	1	1	1	1		_	_	1
IC602	9965 000 13851	VOLTAGE REGULATOR KIA7805API	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	ELECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	17	17	17	17	17	17	17	17	17	17	17	17	17	17	1	7	17
IC751		IC:SWITCH TC4053BF(N)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IC752	9965 000 13852	IC:SWITCH TC4053BF(N)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IC801	9965 000 13853	AUDIO AMP LA4224	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
JK701	4822 265 11659	RCA JACK(YELLOW) MSP-281V4-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
JK702	4822 265 11661	RCA JACK(WHITE) MSP-281V1-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
JK751	9965 000 13854	SKIRT JACK 21P HRC-21V-02P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
JK801	9965 000 13855	HEADPHONE JACK MSJ-035-10A B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		COILS	Τ.	١.					١.									<del>.</del>	
L001		INDUCTOR 10UH-K-5FT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L003	9965 000 13856	INDUCTOR 1.0UH-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L201	9965 000 05627	CHOKE COIL 47UH-K	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L202	9965 000 13857	INDUCTOR 0.10UH-K-26T	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1
L203	9965 000 05627	CHOKE COIL 47UH-K	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L301	9965 000 05627	CHOKE COIL 47UH-K	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L302 L303	9965 000 13858	INDUCTOR 33UH-J-26T INDUCTOR 33UH-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9965 000 13858		1	1	1	1	1	1			1	1	1	1	1	1	1	1	1
L304 L401	9965 000 13859	PCB JUMPER D0.6-P5.0 INDUCTOR 22UH-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L401 L403	9965 000 13858	INDUCTOR 220H-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9900 000 13000	•	_	1			1	_	1	1	1	_	1	1	_	1	1	1	1
L485 L751	9965 000 13860	PCB JUMPER D0.6-P5.0 INDUCTOR 12UH-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9965 000 13861	INDUCTOR 120H-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L752 L801	9965 000 13856	INDUCTOR 1.20H-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9900 000 13000			_				1	1	1		1	1			1	4—4		1
L851 L852	9965 000 05705	PCB JUMPER D0.6-P5.0 INDUCTOR 47UH-K-5FT	1	1	1	1	1	_		1	1			1	1		1	1	1
	9900 000 00700		1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	_
L853 L854		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L856		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L030	<u> </u>	TRANSISTORS		<u> </u>		<u> </u>	<u> </u>	<u> </u>	ı	<u> </u>			ı	ı	<u> </u>	_ '	ш		
Q206	9965 000 08630	PHOTO TRANSISTOR PT204-6B-12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q208	9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q200 Q401	4822 130 42959	TRANSISTOR KTA1266(GR)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q402	4822 130 11101	TRANSISTOR 2SA1015-GR(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q471	9965 000 05643	TRANSISTOR 2SC2785(F)	+ '	<b>!</b>	-	<u> </u>	<u>'</u>	<u> </u>	<u>'</u>	<u> </u>	-	_	_		<u>'</u>	1	1	1	1
Q680	4822 130 42292	TRANSISTOR 2SC2120-Y(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q681	9965 000 13863	TRANSISTOR 2SD1913(R)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q682	9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q751		TRANSISTOR 2SA1015-GR(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+ -	1	1
Q752		TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q753		TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+ +	1	1
Q754		TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q755	9965 000 05643	\ /	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+ +	1	1
Q756	9965 000 05643	( )	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q757	4822 130 11101	TRANSISTOR 2SA1015-GR(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q758		TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q759	9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q760	4822 130 10145	, ,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q761	9965 000 05643		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q851	9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q852	4822 130 11101	TRANSISTOR 2SA1015-GR(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q853	4822 130 42292	TRANSISTOR 2SC2120-Y(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q854		TRANSISTOR 2SC3331(T)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q855	4822 130 10097	TRANSISTOR 2SC3331(T)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q856	4822 130 10145	RES. BUILT-IN TRANSISTOR KRA103M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q857		TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
,	· •	RESISTORS	•			•		•		•					•				
R201		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R202		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R203	<del>   </del>	CARBON RES. 1/4W J 390K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R203 R204		ON TREE THE COURT OF THE																	
R204		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+ +	1	1
		CARBON RES. 1/4W J 10K OHM		_	1	1	1	1	1	1	1	1	1	1	_		+ +	1	1
R204 R205			1	1					_	_	_				1	1	1		+

	ELECTRICA	AL PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
R209		CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R210		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R211		CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R212		CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R213		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R214	<del> </del>	CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R215		CARBON RES. 1/6W G 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R216		CARBON RES. 1/6W G 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R217 R218		CARBON RES. 1/6W G 22K OHM CARBON RES. 1/6W G 470 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R218		CARBON RES. 1/6W G 470 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R220	+	CARBON RES. 1/6W G 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R221	+	CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R222	+	CARBON RES. 1/4W J 390K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R223		CARBON RES. 1/6W J 270 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R224	+	CARBON RES. 1/6W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R225		CARBON RES. 1/6W J 330 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R226		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R227		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R228		CARBON RES. 1/6W J 680 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R229		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R231		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1				
R232		CARBON RES. 1/4W J 10K OHM														1	1	1	1
R233		CARBON RES. 1/4W J 10K OHM														1	1	1	1
R234		CARBON RES. 1/6W J 47 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R236		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R238		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R239		CARBON RES. 1/4W J 100K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R240		CARBON RES. 1/4W J 330K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R241		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R242		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R245		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R246		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R247		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R248		CARBON RES. 1/6W J 470 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R249		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R250		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R257 R258		CARBON RES. 1/6W J 220 OHM CARBON RES. 1/6W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R259		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	_	
R260		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R261		CARBON RES. 1/4W J 5.6K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R262		CARBON RES. 1/4W J 5.6K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R263		CARBON RES. 1/4W J 68K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
R264		CARBON RES. 1/4W J 220K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R265		CARBON RES. 1/4W J 33K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R268		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R269		CARBON RES. 1/4W J 100K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R270		CARBON RES. 1/6W J 680 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R271		CARBON RES. 1/4W J 1.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R273		CARBON RES. 1/4W J 6.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R274		CARBON RES. 1/4W J 1M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R275		METAL OXIDE FILM RES. 1W J 2.2 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R276		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R277		CARBON RES. 1/4W J 5.6K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R283		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R284		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R285		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R302		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R303		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R304		CARBON RES. 1/4W J 6.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R305		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
R306		CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R307	1 1	CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	ELECTRICA	AL PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	17	1,	1,	1,	17	1,	1,	17	1,	17	1,	1,	1,	1,	1,	17	17
R309		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R310		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R311		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R312		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R313		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R314		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R315		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R316		CARBON RES. 1/6W J 12 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R318 R319		CARBON RES. 1/4W J 220K OHM CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R320		CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R321	+ +	CARBON RES. 1/4W J 150K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R322	+ +	CARBON RES. 1/4W J 220K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R323	++	CARBON RES. 1/4W J 6.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R325		CARBON RES. 1/4W J 1M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R327		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R328		CARBON RES. 1/6W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R329		CARBON RES. 1/4W J 3.9K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R334		CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R335		CARBON RES. 1/4W J 18K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R336		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R337		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R338		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R352		CARBON RES. 1/6W J 22 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R353		CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R391		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R392		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R393		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R400		CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R401		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R402		CARBON RES. 1/4W J 8.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R405		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R406		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R407		CARBON RES. 1/4W J 6.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R408		CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R409		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1
R410		CARBON RES. 1/4W J 18K OHM CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R411 R412	+ +	CARBON RES. 1/4W J 4.7K OHM  CARBON RES. 1/4W J 18K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R413		CARBON RES. 1/4W J 16K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	_	
R414	+	CARBON RES. 1/4W J 3.3K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R415		CARBON RES. 1/4W J 6.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R416		CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R417		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
R420		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R421		CARBON RES. 1/4W J 56K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R424		CARBON RES. 1/4W J 1.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R425		CARBON RES. 1/6W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R426		CARBON RES. 1/6W J 330 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R427		CARBON RES. 1/6W J 330 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R428		CARBON RES. 1/6W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R429		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R430		CARBON RES. 1/6W J 680 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R431		CARBON RES. 1/4W J 390K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R437		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R471		PCB JUMPER D0.6-P5.0														1	+	1	1
R473		CARBON RES. 1/4W J 2.2K OHM														1	1	1	1
R475		CARBON RES. 1/4W J 2.7K OHM														1	1	1	1
R476		CARBON RES. 1/4W J 1.8K OHM														1	1	1	1
R680		METAL OXIDE FILM RES. 2W J 47 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R681		METAL OXIDE FILM RES. 2W J 47 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R682		METAL OXIDE FILM RES. 1W J 5.6 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
R683		METAL OXIDE FILM RES. 2W J 2.2 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R684	1 1	CARBON RES. 1/6W J 10 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	ELECTRI	CAL PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
R685		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R686		METAL OXIDE FILM RES. 2W J 2.2 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R687		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R688		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R701		CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R702		CARBON RES. 1/4W J 100K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R703		CARBON RES. 1/6W J 75 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R704		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R750 R751		CARBON RES. 1/4W J 1.5K OHM CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R752		CARBON RES. 1/4W J 100K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R753		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R754		CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R755		CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R756		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R757		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R758		CARBON RES. 1/6W J 75 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R759		CARBON RES. 1/6W J 390 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R760		CARBON RES. 1/6W J 75 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R761		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R762		CARBON RES. 1/4W J 3.3K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R763		CARBON RES. 1/6W J 750 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R766		CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R767		CARBON RES. 1/4W J 33K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R768		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R770		CARBON RES. 1/4W J 1.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R771		CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R772		CARBON RES. 1/4W J 33K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R774		CARBON RES. 1/4W J 1.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R775		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R777		CARBON RES. 1/4W J 1.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R778 R779		PCB JUMPER D0.6-P5.0  CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R780		CARBON RES. 1/4W J 37K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R787		CARBON RES. 1/4W J 6.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R788		CARBON RES. 1/4W J 6.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R789		CARBON RES. 1/4W J 6.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R790		PCB JUMPER D0.6-P5.0	1	1					_		1		1	_	_	_	1	_	1
R791		CARBON RES. 1/6W J 75 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R792		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R793		CARBON RES. 1/6W J 75 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R794		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R795		CARBON RES. 1/6W J 75 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R796		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R797		CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R798		CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R799		CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R801		FIXED METAL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		OXIDE FILM RES. 1W J 12 OHM																	
R802		CARBON RES. 1/6W J 10 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R803		CARBON RES. 1/4W J 5.6K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R804		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R805		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R806 R807	++	CARBON RES. 1/6W J 47 OHM CARBON RES. 1/6W J 47 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R810	+ +	PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R812	++	CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R814	+ +	CARBON RES. 1/4W J 47K OHM  CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	_	_	1	1
R815	++	CARBON RES. 1/4W J 470K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R816	++	CARBON RES. 1/4W J 470K OHM  CARBON RES. 1/6W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
R817	++	CARBON RES. 1/6W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R818	++	CARBON RES. 1/6W J 560 OHM  CARBON RES. 1/6W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R819	++	CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1
1010	++	CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	ELECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
R821		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R822		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R823		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R824 R825		CARBON RES. 1/6W J 75 OHM CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R826		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R828		CARBON RES. 1/6W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R829		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R830		CARBON RES. 1/4W J 220K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R831		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R834		CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R835		CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R836		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R851		CARBON RES. 1/4W J 5.6K OHM CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R852 R853		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R854		CARBON RES. 1/6W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R855		CARBON RES. 1/6W J 820 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R856		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R857		CARBON RES. 1/4W J 2.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R859		CARBON RES. 1/6W J 680 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R860		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R861		CARBON RES. 1/6W J 120 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R862		CARBON RES. 1/4W J 330K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R863 R864		CARBON RES. 1/4W J 12K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R865		CARBON RES. 1/4W J 1.8K OHM CARBON RES. 1/4W J 12K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R866		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R867		CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R868		CARBON RES. 1/4W J 4.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R871		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R872		CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R874		CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R875		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R876 R877		CARBON RES. 1/4W J 5.6K OHM CARBON RES. 1/4W J 12K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R878		CARBON RES. 1/4W J 12K OHM  CARBON RES. 1/4W J 1M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R879		CARBON RES. 1/6W J 1K OHM	1		_	_		1		_	_	1	_	_	_		1	1	-
RS201	9965 000 10857	REMOTE RECEIVER MIM-93M6DKF SWITCHES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW201	9965 000 14390	TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW202	9965 000 14390	TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW203		TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW204	9965 000 14390	TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW205	9965 000 14390	TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW206 SW207	9965 000 14390 9965 000 14390	TACT SWITCH SKONAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW207 SW208	9965 000 14390	TACT SWITCH SKQNAED010 TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+
SW209	9965 000 14390	TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW210		TACT SWITCH SKQNAED010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
SW211		LEAF SWITCH LSA-1142AU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW212	9965 000 08561	ROTARY MODE SWITCH SSS-43MD MISCELLANEOUS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB3	9965 000 13865	HEAD SHIELD T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB7	9965 000 13866	LED HOLDER T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB21	9965 000 08566	BUSH, LED(F) H3700UD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
TB31		HEAD SHIELD COVER T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
TB3-1		HEAD SHIELD T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
TB3-2	9965 000 13870	EARTH PLATE S T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TP001		PCB JUMPER D0.6-P12.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TP002 TP003		PCB JUMPER D0.6-P10.0 PCB JUMPER D0.6-P12.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		PCB JUMPER D0.6-P12.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TP004								. 1	. 1							. 1			1 1

	EI	_ECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
	T = T4	10.110	la	4PV																
Pos.	<b>A</b> 1	12 NC	Description																	_
TP007			PCB JUMPER D0.6-P10.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X201		9965 000 09200	X'TAL 32.768KHZ(20PPM)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X202		9965 000 12194	X'TAL 12.000MHZ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X301		9965 000 13869	X'TAL 4.433619MHZ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X401		9965 000 05629	X'TAL 4.433619MHZ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Z7			SCOTCH TAPE 10X15 T5100UA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8000		3143 021 00031	EARTH CABLE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5000		3143 021 00011	COIL DEGAUS FUNAI	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8016	2	2422 070 98218	MAINSCORD UK 5A 1M8 BK B					1	1	1	1	1								
8016	2	2422 070 98211	MAINSCORD EUR 2A5 1M7 BK B	1	1	1	1						1	1	1	1	1	1	1	1
1006	2	2422 542 90134	TUN IF V+U PLL IEC BGDKIL B										1	1	1	1				
1006	2	2422 542 90131	TUN IF V+U PLL IEC BGDKI B	1	1	1	1	1	1	1	1	1					1	1	1	1
			JUNCTION A CBA																	<u>'</u>
CN603		9965 000 13871	CONNECTOR, 15P TUC-P15X-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			JUNCTION B CBA	I				l					I		l		I			
CN302		9965 000 13872	CONNECTOR, 7P TUC-P07X-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	11_		JUNCTION C CBA					l							l					
CN301		9965 000 05261	CONNECTOR 4P TUC-P04X-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	11_		SENSOR CBA										l				l			<del>'  </del>
Q201		9965 000 08630	PHOTO TRANSISTOR PT204-6B-12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q202		9965 000 08630	PHOTO TRANSISTOR PT204-6B-12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<u> </u>	1 1		POWER CBA	<u> </u>																H
	П		Consists of the following																	
			H.V./POWER SUPPLY CBA																	
			CRT CBA																	
			JUNCTION D CBA																	
			JUNCTION E CBA																	
			H.V./POWER SUPPLY CBA																	
			COILS																	
DCE71	1 1	0065 000 12074	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BC571 BC602	1	9965 000 13874 9965 000 13875	BEAD INDUCTORS FBA04HA600VB-00 BEAD INDUCTORS FBR07HA121TB-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BC603	1					_							_	_	_			1	1	1
		9965 000 13875 9965 000 13875	BEAD INDUCTORS FBR07HA121TB-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1			-
BC604		9905 000 13875	BEAD INDUCTORS FBR07HA121TB-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BC605			PCB JUMPER DO.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BC606			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0550			CAPACITORS	_					_								_		_	الم
C552			FILM CAP.(P) 0.047UF/50V J	1	1	1	1		1			1	_	1	_				_	-
C553			ELECTROLYTIC CAP. 2.2UF/50V M LL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C555			ELECTROLYTIC CAP. 47UF/25V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C556			ELECTROLYTIC CAP. 1000UF/25V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C558			CERAMIC CAP.(AX) B K 0.01UF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C559			ELECTROLYTIC CAP. 330UF/35V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C562			ELECTROLYTIC CAP. 10UF/160V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C571			P.P. CAP 0.18UF/200V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C572			P.P. CAP 0.15UF/200V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C574			ELECTROLYTIC CAP. 4.7UF/250V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C577			FILM CAP.(P) 0.01UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C578	$\coprod$		ELECTROLYTIC CAP. 47UF/25V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C580	LΤ		P.P. CAP 0.0082UF/1.6K J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C581			CERAMIC CAP. BN 680PF/2KV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C584			ELECTROLYTIC CAP. 1UF/160V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C591			ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C592			ELECTROLYTIC CAP. 22UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C604	A	9965 000 14279	SAFETY CAP. 2200PF/250V KX	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C607	<b>A</b>	9965 000 14280	METALLIZED FILM CAP. 0.1UF/250V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C608	<b>A</b>		METALLIZED FILM CAP. 0.1UF/250V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C609	Ħ	1100 000 1 1200	CERAMIC CAP. F Z 0.01UF/500V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C610	++		CERAMIC CAP. F Z 0.01UF/500V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C610	++		CERAMIC CAP. F Z 0.01UF/500V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C612	++		CERAMIC CAP. F Z 0.01UF/500V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	$\vdash$			1			1	_			1		1		1	1		-	_	-
C613	₩		ELECTROLYTIC CAP. 100UF/400V M	_	1	1		1	1	1		1	_	1	_		1	1	1	1
C614	$\vdash$		FILM CAP.(P) 0.082UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C615	$\vdash$		CERAMIC CAP. BN J 220PF/2KV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C616			FILM CAP.(P) 0.001UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

F	ELECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
	_		₽ 4PV1	4PV2	4PV4	4PV4	4PV1	4PV1	4PV2	4PV4	4PV4	4PV1	4PV2	4PV4	4PV4	4PV1	4PV2	4PV4	4PV4
Pos.	12 NC	Description	7	7	1	7	Ť	7	1		1	1	Ť	1	1	1	1	7	7
C618		FILM CAP.(P) 0.047UF/50V J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C621		CERAMIC CAP. BN 680PF/2KV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C623		ELECTROLYTIC CAP. 470UF/35V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C624		ELECTROLYTIC CAP. 1000UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C625		ELECTROLYTIC CAP. 470UF/25V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C628		ELECTROLYTIC CAP. 100UF/160V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C629 C630		CERAMIC CAP.(AX) B K 0.01UF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C630 C631		ELECTROLYTIC CAP. 470UF/16V M ELECTROLYTIC CAP. 1000UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C632		ELECTROLYTIC CAP. 10000F/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C639		CERAMIC CAP.(AX) SL J 68PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C641		ELECTROLYTIC CAP. 4.7UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C647		ELECTROLYTIC CAP. 100UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C648		ELECTROLYTIC CAP. 100UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C649		ELECTROLYTIC CAP. 47UF/25V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C654		CERAMIC CAP.(AX) F Z 0.047UF/16V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C655		ELECTROLYTIC CAP. 220UF/6.3V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C666		ELECTROLYTIC CAP. 470UF/16V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	•	CONNECTORS	<u> </u>			· ·		· ·	· · ·		<u> </u>	<u> </u>							$\neg$
CN571	9965 000 13876	CONNECTOR BASE, 5P TV-50P-05-V3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN601	9965 000 13877	CONNECTOR BASE, 2P TV-50P-02-V3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN602	9965 000 13878	CONNECTOR BASE 15P TUC-P15P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	•	DIODES													•				
D552	9965 000 13847	DIODE 1N5397-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D571	9965 000 13879	DIODE FR154	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D572	9965 000 13880	DIODE FR104-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D573		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D584	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D585	9965 000 12904	ZENER DIODE DZ-5.1BSBT265	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D591	9965 000 13881	ZENER DIODE MTZJT-7736B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D593		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D595	9965 000 13882	ZENER DIODE MTZJT-7718B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D596	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D597	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D598	9965 000 13880	DIODE FR104-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D603	9965 000 13883	DIODE 1N5399-B/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D604	9965 000 13883	DIODE 1N5399-B/P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D605		DIODE 1N5399-B/P	1	1	_	1	1	1	1	1	1	1	1	-	1	1	_	-	1
D606 D608	_	DIODE 1N5399-B/P ZENER DIODE MTZJT-7720C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
D608 D609		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1		1	+	1	-
D609 D613		ZENER DIODE MTZJT-775.6B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D614		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D621		FAST RECOVERY DIODE CA201-4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D622	9965 000 13880	DIODE FR104-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
D623	9965 000 13886		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D624	4822 130 80601	SCHOTTKY BARRIER DIODE ERB81-004	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D625		SCHOTTKY BARRIER DIODE 11EQS04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	-
D626	4822 130 83883	RECTIFIER DIODE FR202	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D627	4822 130 83194	SCHOTTKY BARRIER DIODE 11EQS04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D629	9965 000 13880	DIODE FR104-B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D631	4822 130 11629	ZENER DIODE MTZJT-776.8B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D632	4822 130 32778		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D634	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D635		SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D636	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D637	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D638	9965 000 13887	ZENER DIODE MTZJT-7716B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D639		ZENER DIODE MTZJT-7733C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D640	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D641	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D643	9965 000 13888	ZENER DIODE MTZJT-776.8A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D644	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D645	4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	Е	LECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
				PV11	PV2(	PV41	PV46	PV11	PV11	PV2(	PV41	PV46	PV1	PV2(	PV4	PV46	PV1	PV2(	PV4	PV46
Pos.	A	12 NC	Description	14	14	14	14	14	14	14	4	14	14	14	14	14	14	14	14	141
D646		4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D647		4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D648		9965 000 11153	ZENER DIODE MTZJT-778.2B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D649		4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D650		9965 000 13889	ZENER DIODE MTZJT-7724B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D651		4822 130 32778	SWITCHING DIODE 1SS133(T-77)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F601	A	9965 000 13890	FUSE 4A/250V 215004	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FH601		4822 256 10461	FUSE HOLDER MSF-015	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FH602		4822 256 10461	FUSE HOLDER MSF-015	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10==1	1 1		IC's							١.										Ι.
IC551	┵	9965 000 13891	VERTICAL OUTPUT IC AN5522	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IC601	A	9965 000 13892	PHOTO COUPLER LTV817MBF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1.570	1 1	0005 000 40000	COILS	<u> </u>	<u> </u>					T 4						<u> </u>	_	1 4		
L572	+	9965 000 13893	INDUCTOR 100UH-J-26T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L601 L602	-	9965 000 13894 9965 000 13894	LINE FILTER ELF15N007A LINE FILTER ELF15N007A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L602		9903 000 13094	PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L604	+		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L604 L605	+	9965 000 05627	CHOKE COIL 47UH-K	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB1	+	9965 000 03627	POWER PCB HOLDER T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB4	+	9965 000 13893	13V H/V HEAT SINK(PDX) T5100UA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 07	+ 1	3303 000 13023	13VPOW HEAT SINK	Ľ	-	_	i i	i i	H.	<u>'</u>	H.	<u> </u>	Ė	-	H.	-	<u> </u>	-	Ė	-
PB5		9965 000 13824	PFD ASSEMBLY T5200UA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PL1	+ 1	9965 000 08646	SCREW, P-TIGHT 3X12 WASHER HEAD+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PL2		9965 000 12171	SCREW, B-TIGHT M3X8 BIND HEAD+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PS602		9965 000 13896	THERMISTOR ZPB31BL9R0A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 0002	-	3303 000 13030	TRANSISTORS	<u> </u>	<del>-</del>	<u> </u>	<u> </u>	<u>'</u>	<u> </u>	<u>'</u>	<u> </u>									
Q571		9965 000 13897	TRANSISTOR TT2084LS-YB11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q572	+	9965 000 13899	TRANSISTOR 2SC1627Y-TPE2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q591		9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q601		9965 000 13901	MOS FET 2SK2647	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q602		4822 130 42292	TRANSISTOR 2SC2120-Y(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q611		9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q612	11	9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q613	11	9965 000 13900	TRANSISTOR 2SA950(O)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q614		9965 000 05643	TRANSISTOR 2SC2785(F)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q616	11	4822 130 42292	TRANSISTOR 2SC2120-Y(TPE2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q617			TRANSISTOR 2SC2120-Y(TPE2)	1		_		1	1	1	1	1	1	1	1	1	1	1	1	1
Q619			RES. BUILT-IN TRANSISTOR KRA103M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			RESISTORS																	
R551			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R552			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R556			CARBON RES. 1/4W J 4.7 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R557			CARBON RES. 1/4W J 270 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R558			CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R559			CARBON RES. 1/4W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R560			CARBON RES. 1/4W J 3.9K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R561			CARBON RES. 1/4W J 8.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R562			CARBON RES. 1/4W J 5.6 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R563			CARBON RES. 1/4W J 5.6 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R565			CARBON RES. 1/4W J 3.9 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R566			CARBON RES. 1/4W J 3.9 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R567			CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R570			CARBON RES. 1/4W J 3.9 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R573			CARBON RES. 1/4W J 470 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R574	$\perp$		METAL OXIDE FILM RES. 2W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R575	$\perp \perp \downarrow$		METAL OXIDE FILM RES. 2W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R576			CARBON RES. 1/4W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R577	$\perp$		CARBON RES. 1/4W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R578	$\perp$		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R579			METAL OXIDE FILM RES. 2W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R581			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1 1		IMETAL OVIDE EILM DEC 1M/ 14 0 OUM	1 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R583 R584			METAL OXIDE FILM RES. 1W J 1.8 OHM CARBON RES. 1/4W J 1K OHM	1		1	1	1	1	1	1	1	·	1	1	1	1	1	1	1

	Ε	LECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	A	12 NC	Description	1,	1,	1,	1,	1,	1,	1,	1,	1,	1,	1,	1,	1,	1	1,	1,	1,
R585			CARBON RES. 1/4W J 8.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R586			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R587			CARBON RES. 1/4W J 100K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R588			CARBON RES. 1/4W J 100K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R590			METAL OXIDE FILM RES. 2W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R591			CARBON RES. 1/4W J 22K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R592			CARBON RES. 1/4W J 180K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R593			CARBON RES. 1/4W J 56K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R594			CARBON RES. 1/4W J 56K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R595			CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R596 R597	+		CARBON RES. 1/4W J 2.2K OHM CARBON RES. 1/4W J 8.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R598	+		CARBON RES. 1/4W J 8.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R599	+ +		CARBON RES. 1/4W J 22K OHM  CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R601			ANTI-SURGE RESISTOR 1/2W J 3.3M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R602	A	9965 000 14277	CEMENT RESISTOR 5W 1.8 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R603	A	9965 000 14277	CEMENT RES. 5W K 0.68 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	i i	H	H	Ė
R604		2000 000 17210	CARBON RES. 1/4W J 22 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R605			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R606			CARBON RES. 1/4W J 1.5M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R607			CARBON RES. 1/4W J 1.5M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R609			CARBON RES. 1/4W J 1.5M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R611			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R612			CARBON RES. 1/4W J 470K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R613			CARBON RES. 1/4W J 180 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R614			CARBON RES. 1/4W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R617			CARBON RES. 1/4W J 1K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R618			CARBON RES. 1/4W J 56 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R620			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R621			CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R625			CARBON RES. 1/4W J 180 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R626			CARBON RES. 1/4W 2.2 OHM J	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R628			CARBON RES. 1/4W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R629			CARBON RES. 1/4W J 5.6K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R630			CARBON RES. 1/4W J 33K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R631			CARBON RES. 1/4W J 39K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R632			CARBON RES. 1/4W J 39K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R633			CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R634			CARBON RES. 1/4W J 15K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R635			CARBON RES. 1/4W J 15K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R636			CARBON RES. 1/4W J 6.8K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R637			CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R638			CARBON RES. 1/4W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R639			CARBON RES. 1/4W J 270 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R640			CEMENT RES. 5W K 3.3K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R641			CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R642			CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R643			CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R644			CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R645			CARBON RES. 1/4W J 1.2K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R646			CARBON RES. 1/4W J 47K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R647			CARBON RES. 1/4W J 2.7K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R648			CARBON RES. 1/4W J 5.6K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R649			CARBON RES. 1/4W J 10K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R650	$\perp$		CARBON RES. 1/4W J 56K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R651	$\perp$		METAL OXIDE FILM RES. 2W J 680 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R652	$\perp$		CARBON RES. 1/4W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R659	$\sqcup$		CARBON RES. 1/4W J 15 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R660	$\sqcup$		CARBON RES. 1/4W J 390 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R662	$\sqcup$		CARBON RES. 1/4W J 100 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R663			METAL OXIDE FILM RES. 2W J 33 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R664	$\perp$		CARBON RES. 1/4W J 5.6K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R668			CARBON RES. 1/4W J 220 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R669			ANTI-SURGE RESISTOR 1/2W J 3.3M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1 1

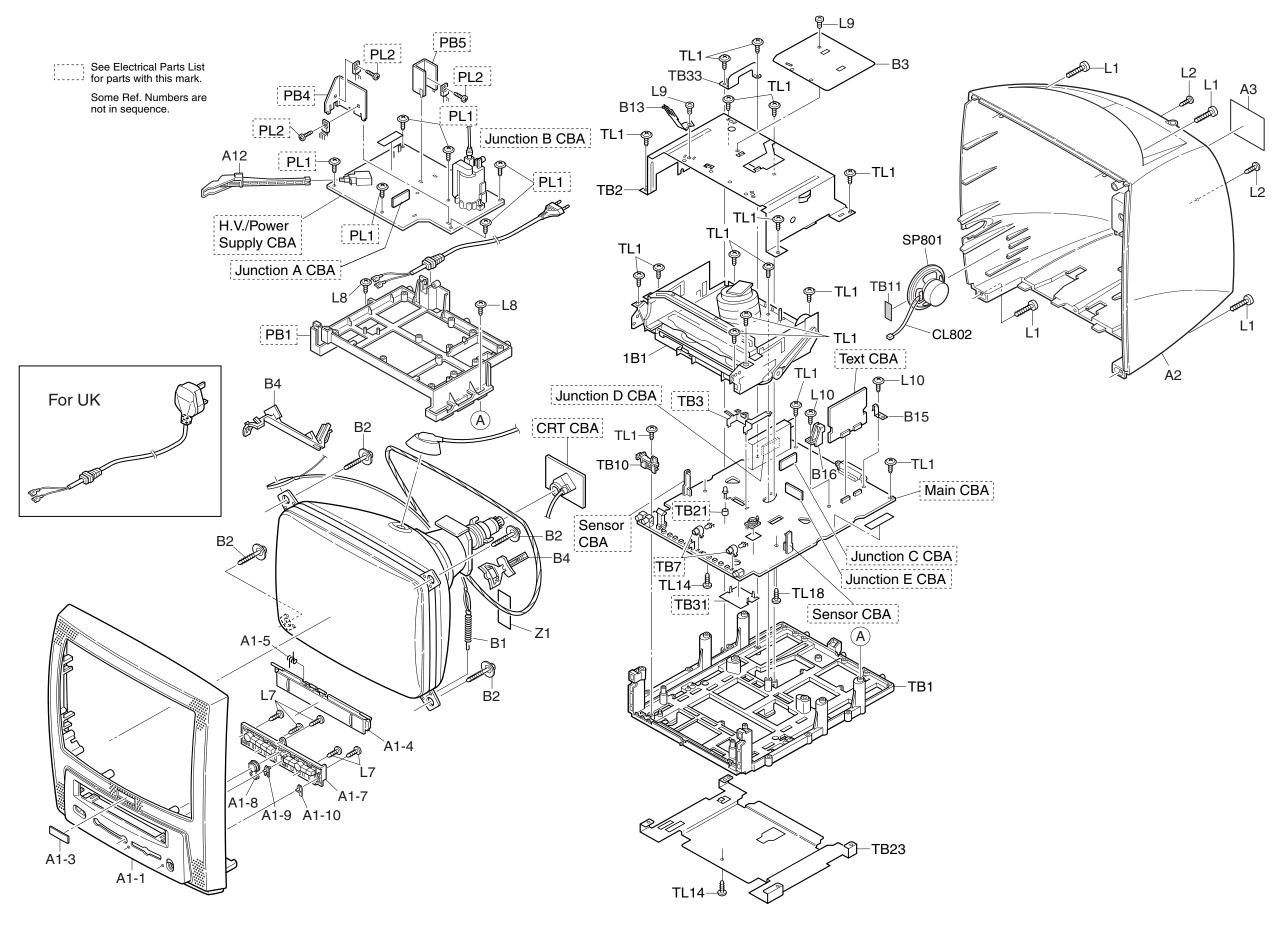
	Ε	LECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	A	12 NC	Description	14	14	14	14	14	14	14	14	4	14	14	4	14	14	14	14	14
R670			ANTI-SURGE RESISTOR 1/2W J 3.3M OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			MISCELLANEOUS																	
SA601	A	9965 000 13898	SURGE ABSORBER PVR-07D471KB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SW601	A	9965 000 13902	POWER SWITCH SDKVA30100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
T571		9965 000 13903	FLYBACK TRANS BSC21-2016S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
T572		9965 000 13904	H0RIZONTAL DRIVE TRANS LP2-005	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
T601	A	9965 000 13905	SWITCHING TRANS 17711-S03	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TM601	A		TAB 42018	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TM602	A		TAB 42018	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TP501			PCB JUMPER D0.6-P15.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TP502			PCB JUMPER D0.6-P10.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TP503			PCB JUMPER D0.6-P7.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TP504 VR601		9965 000 13906	PCB JUMPER D0.6-P10.0 CARBON P.O.T. 10K OHM B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1100		9905 000 13906	CRT A34EAC01X71 (PHCO) B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1100	<del>                                     </del>		CRT CBA	<u>'</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	'	<u> </u>	<u> </u>	<u> </u>	'	<u> </u>	<u>'</u>	<u> </u>	<u> </u>	<u> </u>		<u>-</u> -
			CAPACITORS																	
C501	П		CERAMIC CAP.(AX) B K 220PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C502			CERAMIC CAP.(AX) B K 220PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C503			CERAMIC CAP.(AX) B K 220PF/50V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C507			ELECTROLYTIC CAP. 1UF/50V M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C510		9965 000 13909	CERAMIC CAP. B K 1000PF/2KV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			CONNECTORS																	
CL501A		9965 000 13910	LEAD WIRE 3P/280	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN501		9965 000 13911	PIN CONNECTOR 005P-5100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN503		9965 000 13912	CONNECTOR BASE, 7P TUC-P07P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN504		9965 000 05247	CONNECTOR BASE 4P TUC-P04P-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
JK501		9965 000 13913	CRT SOCKET ISMS01S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L501			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L505		9965 000 05627	CHOKE COIL 47UH-K	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			TRANSISTORS																_	
Q501		4822 130 60578	TRANSISTOR 2SC2482 TPE6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q502		4822 130 60578	TRANSISTOR 2SC2482 TPE6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Q503	<u> </u>	4822 130 60578	TRANSISTOR 2SC2482 TPE6 RESISTORS	1	1	1	1	1	1	1	<u> </u>	<u> </u>	1	1	1	1	1	<u> </u>	1	1
R501	1 1		METAL OXIDE FILM RES. 1W J 15K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R502			METAL OXIDE FILM RES. 1W J 15K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R502			METAL OXIDE FILM RES. 1W J 15K OHM	1	1	<del>-</del>	1	1	1	1	1	1	1	1	<del></del>	1	1		1	-
R504			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R505			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R506			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R507			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	_	1	1
R508			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R509	T		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R510	Ħ		PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R511	$\prod$		CARBON RES. 1/4W J 120K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R512			CARBON RES. 1/4W J 120K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R513			CARBON RES. 1/4W J 120K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R514			CARBON RES. 1/4W J 1.5K OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R515			PCB JUMPER D0.6-P5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R516			CARBON RES. 1/4W J 15 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R517	$\sqcup \downarrow$		CARBON RES. 1/4W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R518	$\downarrow \downarrow$		CARBON RES. 1/4W J 15 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
R519	$\sqcup \downarrow$		CARBON RES. 1/4W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R520	+		CARBON RES. 1/4W J 15 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R521			CARBON RES. 1/4W J 560 OHM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ONITOT	1 1	0005 000 0500:	JUNCTION D CBA	-	-	-	-	_	-	_	٠,	-	-		1.4		-		_	_
CN505	+	9965 000 05261	CONNECTOR 4P TUC-P04X-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CL505A		9965 000 13914	WIRE 250/BRO/AWG18#1007	1	1	1	1	1	1	1	_ 1	_ 1	1	1	1	1	1	1	1	1
CNEOG	1 1	0065 000 05364	JUNCTION E CBA	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CN506	++		CONNECTOR 4P TUC-P04X-B1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CL506		9900 UUU 13915	WIRE 240/BRO/AWG18#1007 TEXT CBA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Ш
			CAPACITORS																—	_
			UAFAUITURO																	_

	ELECTRICA	L PARTS LIST	14PV111/01	14PV203/01	14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
C901		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C902		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C904		CERAMIC CAP.(AX) B K 100PF/50V		1		1			1		1		1		1		1		1
C905		STACKED FILM CAP. 0.47UF/50V J		1		1			1		1		1		1		1		1
C906		ELECTROLYTIC CAP. 22UF/16V M		1		1			1		1		1		1		1		1
C908		ELECTROLYTIC CAP. 10UF/50V M		1		1			1		1		1		1		1		1
C909		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C910		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C911		ELECTROLYTIC CAP. 10UF/50V M		1		1			1		1		1		1		1		1
C912		CERAMIC CAP.(AX) B K 330PF/50V		1		1			1		1		1		1		1		1
C914		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C915		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C916		CERAMIC CAP.(AX) Y N 0.022UF/6V		1		1			1		1		1		1		1		1
C917		CERAMIC CAP.(AX) SL J 33PF/50V		1		1			1		1		1		1		1		1
C918		CERAMIC CAP.(AX) SL J 33PF/50V		1		1			1		1		1		1		1		1
C919		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C920 C921	+ +	CERAMIC CAP.(AX) Y N 0.022UF/6V CERAMIC CAP.(AX) Y M 0.01UF/16V		1		1			1		1		1	$\vdash$	1		1		1
C921 C922		ELECTROLYTIC CAP. 10UF/50V M		1		_			1				1						_
C922 C923	+ +	CERAMIC CAP.(AX) Y M 0.01UF/16V		1		1	-		1		1		1	$\vdash$	1		1		1
C923		ELECTROLYTIC CAP. 10UF/50V M		1		1			1		1		1		1		1		1
C924		ELECTROLYTIC CAP. 100F/30V M		1		1			1		1		1		1		1		1
C926		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C927		CERAMIC CAP.(AX) F Z 0.1UF/50V		1		1			1		1		1		1		1		1
C928		CERAMIC CAP.(AX) Y M 0.01UF/16V		1		1			1		1		1		1		1		1
C929		ELECTROLYTIC CAP. 100UF/10V M		1		1			1		1		1		1		1		1
C930		CERAMIC CAP.(AX) Y M 0.01UF/16V		1		1			1		1		1		1		1		1
	L L	CONNECTORS					l				l			<u> </u>					
CN901	9965 000 13916	CONNECTOR 8P TUC-P08X-B1		1		1			1		1		1		1		1		1
CN902	9965 000 13917	CONNECTOR, 6P TUC-P06X-B1		1		1			1		1		1		1		1		1
D901		PCB JUMPER D0.6-P5.0		1		1			1		1		1		1		1		1
D902		PCB JUMPER D0.6-P5.0		1		1			1		1		1		1		1		1
D903		PCB JUMPER D0.6-P5.0		1		1			1		1		1		1		1		1
D904		PCB JUMPER D0.6-P5.0		1		1			1		1		1		1		1		1
		DIODES																	
D908	4822 130 32778	SWITCHING DIODE 1SS133(T-77)		1		1			1		1		1		1		1		1
D909	9965 000 01155	ZENER DIODE MTZJT-773.9B		1		1			1		1		1		1		1		1
D910	4822 130 32778	SWITCHING DIODE 1SS133(T-77)		1		1			1		1		1		1		1		1
D911	<del>                                     </del>	SWITCHING DIODE 1SS133(T-77)		1		1			1		1		1		1		1		1
D912	4822 130 11629	ZENER DIODE MTZJT-776.8B		1		1			1		1		1		1		1		1
	T T	IC's													. 1			-	
IC901		IC:TEXT 1PAGE ET-TVT031A		1		1			1		1		1		1		1		1
IC902	9965 000 13851	VOLTAGE REGULATOR KIA7805API		1		1			1		1		1		1		1		1
0004	0005 000 05040	TRANSISTORS												1 1			4		
Q901	9965 000 05643	TRANSISTOR 2SC2785(F)		1		1			1		1		1		1		1		1
Q903	4822 130 42292	` '		1		1			1		1		1		1		1		1
Q904	9905 000 05045	TRANSISTOR 2SC2785(F) RESISTORS		1		1	<u> </u>		1		1		1	<u> </u>	1		1		1
D004		CARBON RES. 1/4W J 2.2K OHM		1		1	l		1		1		1		4		4	-	1
R901 R902		CARBON RES. 1/4W J 2.2K OHM		1		1			1		1		1		1		1		1
R902		CARBON RES. 1/4W J 10K OHM		1		1			1		1		1		1		1		1
R904		CARBON RES. 1/4W J 220 OHM		1		1			1		1		1		1		1		1
R905		CARBON RES. 1/4W J 4.7K OHM		1		1			1		1		1		1		1		1
R906		CARBON RES. 1/4W J 12K OHM		1		1			1		1		1		1		1		1
R907	+	CARBON RES. 1/4W J 12K OHM		1		1			1		1		1		1		1		1
R908	+	CARBON RES. 1/4W J 12K OHM		1		1			1		1		1	$\vdash$	1		1		1
R913	+	CARBON RES. 1/4W J 1.5K OHM		1		1			1		1		1		1		1		1
R914	++	CARBON RES. 1/4W J 1.5K OHM		1		1			1		1		1		1		1		1
11017	+	CARBON RES. 1/4W J 100 OHM		1		1			1		1		1	$\vdash$	1		1		1
R915	1 1		$\vdash$	1		1			1		1		1		1		1		1
R915		IPCB JUMPER DO 6-P5 O											- 1		1	Ī	1		- 1
R916		PCB JUMPER D0.6-P5.0  CARBON RES. 1/4W J 100 OHM							1		1		1		1		1		1
R916 R917		CARBON RES. 1/4W J 100 OHM		1		1			1		1		1		1		1		1
R916									1 1 1		1 1 1		1 1 1		1 1 1		1 1 1		1 1 1

ELECTRICAL PARTS LIST						14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV111/58	14PV203/58	14PV415/58	14PV460/58	14PV112/39	14PV203/39	14PV415/39	14PV460/39
Pos.	▲ 12 NC	Description	14PV	14PV203/01	14PV415/01	1	_	7	1	7	1	7	7	1	1	_	1	1	7
R922		PCB JUMPER D0.6-P5.0		1		1			1		1		1		1		1		1
R923		PCB JUMPER D0.6-P5.0		1		1			1		1		1		1		1		1
R930		CARBON RES. 1/4W J 100 OHM		1		1			1		1		1		1		1		1
R931		CARBON RES. 1/4W J 150 OHM		1		1			1		1		1		1		1		1
R932		CARBON RES. 1/4W J 15K OHM		1		1			1		1		1		1		1		1
R933		CARBON RES. 1/4W J 15K OHM		1		1			1		1		1		1		1		1
R934		CARBON RES. 1/4W J 15K OHM		1		1			1		1		1		1		1		1
R936		CARBON RES. 1/4W J 220 OHM		1		1			1		1		1		1		1		1
R937		CARBON RES. 1/4W J 22K OHM		1		1			1		1		1		1		1		1
R940		PCB JUMPER D0.6-P5.0		1		1			1		1		1		1		1		1
X901	9965 000 13919	X'TAL:13.875MHZ CSA-309		1		1			1		1		1		1		1		1
PL2	9965 000 12171	SCREW, B-TIGHT M3X8 BIND HEAD+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PL2	9965 000 12171	SCREW, B-TIGHT M3X8 BIND HEAD+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

# [ 14PV415/ ( 01, 07, 39, 58 ), 14PV460/ ( 01, 07, 39, 58 ) ]

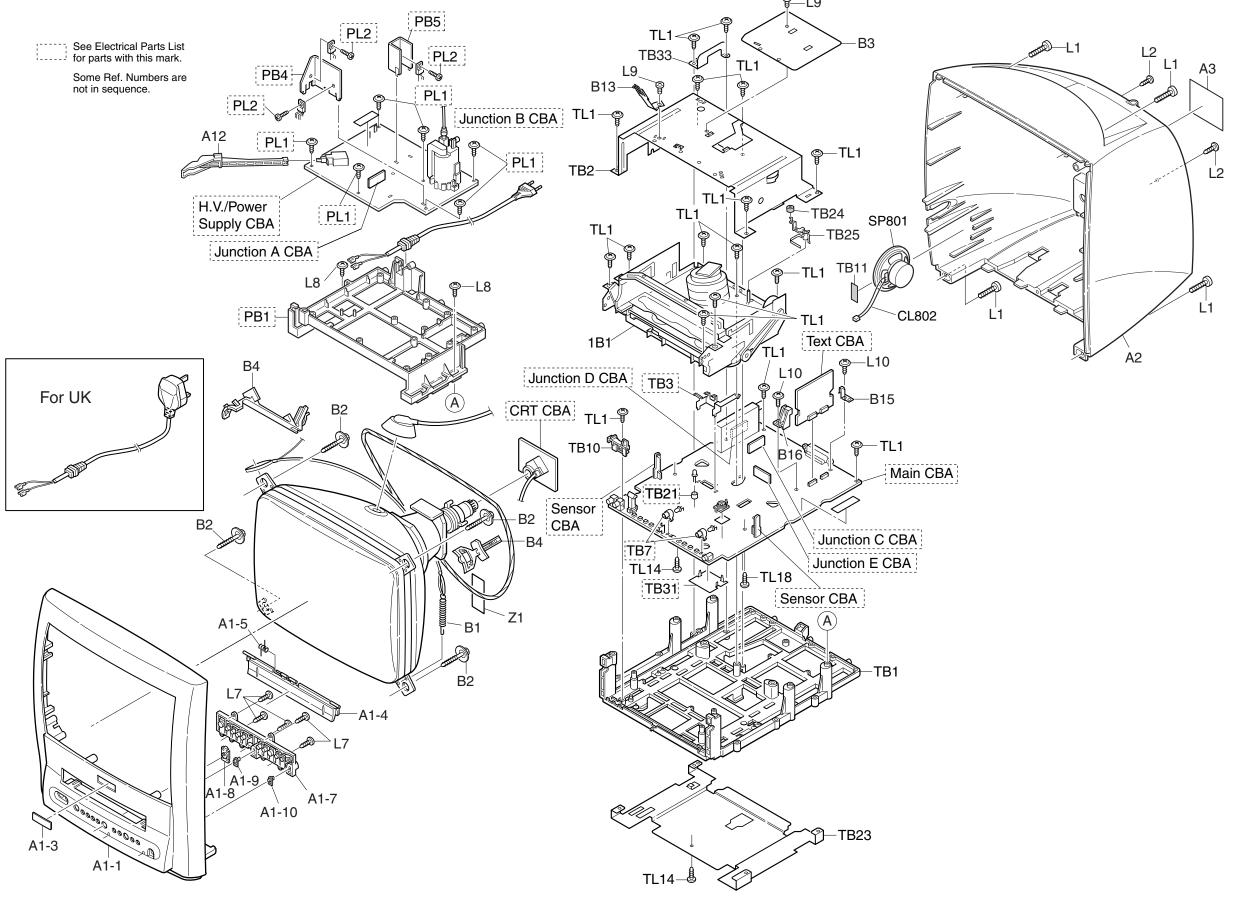
## Cabinet



1-15-4 T6310CEX

# [ 14PV111/(01,07,58), 14PV112/(07,39), 14PV203/(01,07,39,58)]

## Cabinet



1-15-6 1-15-7 T6310CEX

#### **PRODUCT SAFETY NOTE**: Products marked with a \_\_\_

have special characteristics important to safety.

Before replacing any of these components, read carefully the product safety notice in this service manual.

Don't degrade the safety of the product through improper servicing.

### \*)Note:

Pos.1 consists of

A1-1 A1-8

A1-3 A1-9

A1-4 A1-10

A1-5 L7

A1-7

	MECHANICAL PARTS LIST						4PV415/01	4PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV112/39	14PV203/39	14PV415/39	14PV460/39	14PV111/58	14PV203/58	14PV415/58	14PV460/58
Pos.	Pos. Expl. View	<b>A</b>	12 NC	AL PARTS LIST  Description		14PV203/01	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\	14P\
1	*)		3143 027 60171	FRONT ASSY 14PV112/39										1							
1	*)		3143 027 60041	FRONT ASSY 14PV203/01/07/58		1					1								1		
1	*)		3143 027 60181	FRONT ASSY 14PV415/01/07/58			1					1								1	
1	*)		3143 027 60191	FRONT ASSY 14PV415/39												1					
1	*)		3143 027 60111	FRONT ASSY 14PV460/01/07/58				1					1								1
1	*)		3143 027 60021	FRONT ASSY 14PV111/01/07/58	1				1									1			
1	*)		3143 027 60161	FRONT ASSY 14PV112/07						1											
1	*)		3143 027 60051	FRONT ASSY 14PV203/39											1						
1	*)		3143 027 60121	FRONT ASSY 14PV460/39													1				
1	*)		3143 027 50231	FRONT CAB PH01 LIGHT GREY			1	1				1	1			1	1			1	1
1	*)		3143 027 50011	FRONT CAB (A) BL 80007	1				1									1			
1	*)		3143 027 50211	FRONT CAB (A) GR PH001		1				1	1			1	1				1		
11	Á1-3			WORDMARK PHILIPS		1				1	1			1	1				1		
11	A1-3			WORDMARK 14" 17" PLASTIC	1				1									1			
11	A1-3			WORDMARK PHILIPS			1	1				1	1			1	1			1	1
				CASSETTE DOOR	1		-					-	-								
5	A1-4			(A) BL 80007					1									1			
5	A1-4			CASSETTE DOOR (A) GR PH001		1				1	1			1	1				1		
5	A1-4			CASSETTE DOOR PH01 LIGHT GREY			1	1				1	1			1	1			1	1
6	A1-5			LEG SPRING	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	A1-8			LED LENS A (C)	1	1			1	1	1			1	1			1	1		
7	A1-8			LED LENS B (C)			1	1				1	1			1	1			1	1
8	A1-9			LED LENS A (R)	1	1			1	1	1			1	1			1	1		
8	A1-9			LED LENS B (R)			1	1				1	1			1	1			1	1
10	L7		4822 502 14109	SCR PAN TORX TAP ST ZN BK 3X10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9				FUNCTION KNOB (A) GR PH001		1				1	1			1	1				1		
9				FUNCTION KNOB (A) BL 80007	1				1									1			
9				FUNCTION KNOB PH01 LIGHT GREY			1	1				1	1			1	1			1	1
31	B15		3143 021 20021	TE HOLDER		1		1			1		1		1		1		1		1
55	L1	+	2	SCREW		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		+		PAN HEAD TAPPING																	
56	L2			SCREW M4X12		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
59	TL1			SCR PAN TORX TAP ST ZN BK 3X10		1		1			1		1		1		1		1		1
70	A2		3143 027 50131	REAR CAB PH001		1				1	1			1	1				1		
70	A2		3143 027 50031	REAR CAB PH003			1	1				1	1			1	1			1	1
70	A2		3143 027 50141	REAR CAB PH004					1									1			
71	A12		3143 027 50121	POWER BUTTON PH003			1	1				1	1			1	1			1	1
71	A12		3143 027 50191	POWER BUTTON PH001		1				1	1			1	1				1		

	MECHANICAL PARTS LIST						14PV415/01	14PV460/01	14PV111/07	14PV112/07	14PV203/07	14PV415/07	14PV460/07	14PV112/39	14PV203/39	14PV415/39	14PV460/39	14PV111/58	14PV203/58	14PV415/58	14PV460/58
Pos.	Pos. Expl. View		12 NC	Description	14PV111/01	14PV203/01	14P														
		•		•	_	,	,	,		`	,	,	,	,	,	,	,		,	È	÷
71	A12		3143 027 50201	POWER BUTTON PH004	1				1									1			₩.
1010	consists of SP801/CL80 2		3143 027 10091	SPEAKER ASSY		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	B4		4822 402 10174	BRACKET ==>14"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	B1		3143 021 20031	TENSION SPRING	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	B3			SCREENING	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	B2			SCREW ===>CRT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	L8			FLAT HEAD SCREW 4X18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
58	TL1			SHIELD PLATE SCREW M3X4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	B13			GROUND PLATE CRT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1B1				DECK ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB1				TRAY CHASSIS T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB2				TOP COVER T6300RA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB10			9965 000 13833	RCA HOLDER T6300RA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB23				BOTTOM PLATE T6300RA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TL1			9965 000 08646	SCREW, P-TIGHT 3X12 WASHER HEAD+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TL14			9965 000 12171	SCREW, B-TIGHT M3X8 BIND HEAD+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TL18			9965 000 13027	SCREW, P-TIGHT M3X8 BIND HEAD+		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				PACKING																	
450	S1			BOX FOLDED 14PV11X	1				1	1				1				1			
450	S1			BOX FOLDED 14PV460				1					1				1				1
450	S1			BOX FOLDED 14PV203		1					1				1				1		
450	S1			BOX FOLDED 14PV41X			1					1				1				1	
451				TAPE S-ADH PP TP 0.038X75MM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
452	S6			PE-PLATE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
453	S2			STYROFOAM TOP B			1	1				1	1			1	1			1	1
453	S2			STYROFOAM TOP A	1	1			1	1	1			1	1			1	1		
454	S3			STYROFOAM BOTTOM A		1			1	1	1			1	1			1	1		
454	S3			STYROFOAM BOTTOM B			1	1				1	1			1	1			1	1
455	X1			BAG (==>MAINS CORD)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
150			3143 028 50061	RC RT720/111			1			1		1		1		1				1	
150			3143 028 50021	RC RT721/111		1		1			1		1		1		1		1		1
150			3143 028 50011	RC RT720/101					1									1			
				TEST TAPES																<u> </u>	
1			3143 023 20011	TEST TAPE FL6K(S)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2			3143 023 20021	TEST TAPE FL6NS8		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3				TEST TAPE FSLT-120		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4			3143 023 20041	TEST TAPE FL6M		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
930				TESTCASSETTE GROUP		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

# [ 14PV111/ ( 01, 07, 58 ), 14PV112/ ( 07, 39 ), 14PV203/ ( 01, 07, 39, 58 ), 14PV415/ ( 01, 07, 39, 58 ), 14PV460/ ( 01, 07, 39, 58 ) ]

Before following the procedures described below, be sure to remove the deck assembly from the cabinet. (Refer to CABINET DISASSEMBLY INSTRUCTIONS.)

All the following procedures, including those for adjustment and replacement of parts, should be done in Eject mode; see the positions of [41] and [42] in Fig.DM1 on page 2-4-13. When reassembling, follow the steps in reverse order.

OTED	CTART			REMOVAL INSTALLAT								
STEP /LOC. No.	START- ING No.	PART		Fig. No.	REMOVE/*UNHOOK/ UNLOCK/RELEASE/ UNPLUG/DESOLDER	ADJUSTMENT CONDITION						
[1]	[1]	Guide Holder A	Т	DM3	2(S-1)							
[2]	[1]	Cassette Holder Assembly	Т	DM4								
[3]	[2]	Slider L	Т	DM5	(S-2)							
[4]	[2]	Slider R	Т	DM5	(S-3)							
[5]	[4]	Lock Lever	Т	DM5	(S-4),*(P-1)							
[6]	[2]	C Plate	Т	DM5								
[7]	[7]	Cylinder Assembly	Т	DM1,DM6	Desolder, 3(S-5)							
[8]	[8]	Loading Motor Assembly	Т	DM1,DM7	Desolder, LDG Belt, 2(S-6)							
[9]	[9]	AC Head Assembly	Т	DM1,DM7	(S-7)							
[10]	[2]	Tape Guide Assembly	Т	DM1,DM8	*(P-2)							
[11]	[10]	Door Opener B	Т	DM1,DM8	*(L-1),*(L-2)							
[12]	[11]	Pinch Arm (B)	Т	DM1,DM8	*(P-3)							
[13]	[12]	Pinch Arm (A) Assembly	Т	DM1,DM8								
[14]	[14]	FE Head	Т	DM1,DM9	(S-8)							
[15]	[15]	Prism	Т	DM1,DM9	(S-9)							
[16]	[2]	Slider Shaft	Т	DM10	(S-10),*(L-3)							
[17]	[16]	C Drive Lever L	Т	DM10								
[18]	[16]	C Drive Lever R	Т	DM10								
[19]	[7],[10]	Capstan Motor	В	DM2,DM11	3(S-11), Cap Belt							
[20]	[20]	Clutch Assembly	В	DM2,DM12	(C-1)							
[21]	[20]	FF Arm	В	DM2,DM12								
[22]	[22]	Cam Holder F	В	DM2,DM13	(C-2)							
[23]	[23]	Cam Gear (B)	В	DM2,DM13	(C-3),*(P-4)							
[24]	[24]	Mode Gear	В	DM2,DM14	(C-4)							
[25]	[20],[23], [24]	Mode Lever	В	DM2,DM14	(C-5), *(L-4)							
[26]	[22]	Worm Holder	В	DM2,DM14	(S-12)							
[27]	[26]	Pulley Assembly	В	DM2,DM14								
[28]	[25],[26]	Cam Gear (A)	В	DM2,DM14								
[29]	[25]	Idler Assembly	В	DM1,DM15	*(L-5)							
[30]	[25]	BT Arm	В	DM2,DM15	*(P-5)							
[31]	[25]	Loading Arm S (B) Assembly	В	DM2,DM15		(+)Refer to Alignment Sec.Pg.2-4-9						

2-4-11 T6310DA

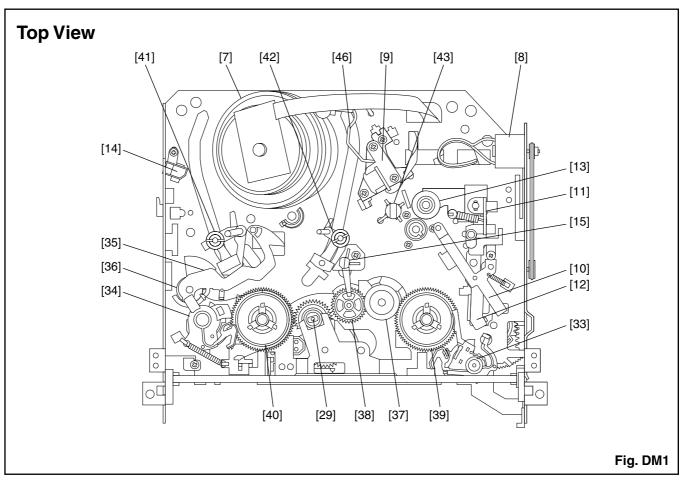
STEP	START-				REMOVAL	INSTALLATION
/LOC. No.	ING No.	PART		Fig. No.	REMOVE/*UNHOOK/ UNLOCK/RELEASE/ UNPLUG/DESOLDER	ADJUSTMENT CONDITION
[32]	[31]	Loading Arm T (B) Assembly	В	DM2,DM15		(+)Refer to Alignment Sec.Pg.2-4-9
[33]	[2],[25]	M Brake T Assembly	Т	DM1,DM16	*(P-6)	
[34]	[2],[25]	M Brake S Assembly	Т	DM1,DM16	*(P-7)	
[35]	[34]	Tension Lever Sub Assembly	Т	DM1,DM16		
[36]	[35]	T Lever Holder	Т	DM1,DM16	*(L-6)	
[37]	[33]	M Gear	Т	DM1,DM16	(C-6)	
[38]	[2],[15]	Sensor Gear	Т	DM1,DM16	(C-7)	
[39]	[33]	Reel T	Т	DM1,DM16		
[40]	[35]	Reel S	Т	DM1,DM16		
[41]	[31],[35]	Moving Guide S Preparation	Т	DM1,DM17		
[42]	[32]	Moving Guide T Preparation	Т	DM1,DM17		
[43]	[19]	TG Post Assembly	Т	DM1,DM17	*(L-7)	
[44]	[19],[28]	Rack Assembly	R	DM18		(+)Refer to Alignment Sec.Pg.2-4-10
[45]	[44]	F Door Opener	R	DM18	*(P-8)	
[46]	[46]	Cleaner Lever Assembly	Т	DM1,DM6		Туре А
[40]	[40]	Cleaner Level Assembly		סואוט, ו ואוט	*(L-8)	Туре В
[47]	[46]	CL Post	Т	DM6	*(L-9)	Type A
(1)	↓ (2)	↓ (3)	↓ (4)	↓ (5)	(6)	↓ (7)

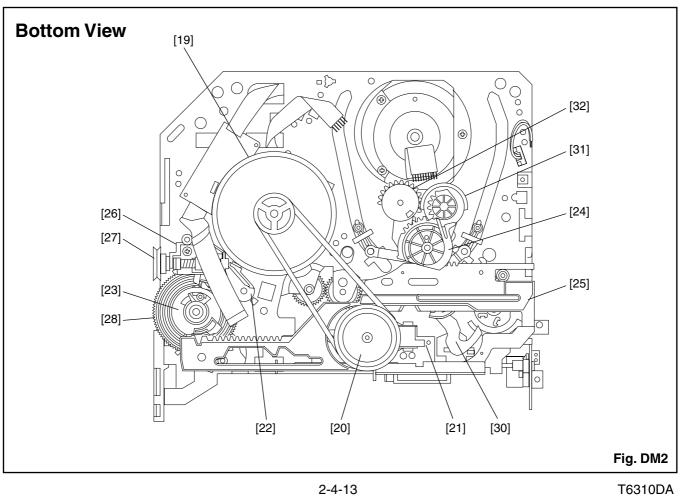
(1): Follow steps in sequence. When reassembling, follow the steps in reverse order.

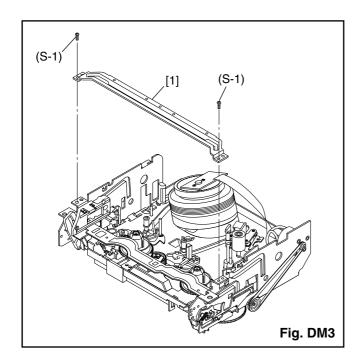
These numbers are also used as identification (location) No. of parts in the figures.

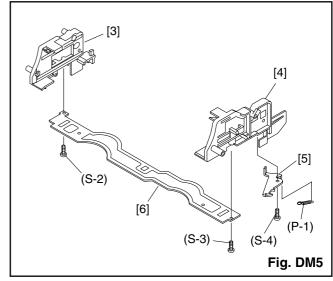
- (2): Indicates the part to start disassembling with in order to disassemble the part in column (1).
- (3): Name of the part
- (4): Location of the part: T=Top B=Bottom R=Right L=Left
- (5): Figure Number
- (6): Identification of parts to be removed, unhooked, unlocked, released, unplugged, unclamped, or desoldered. P=Spring, W=Washer, C=Cut Washer, S=Screw, \*=Unhook, Unlock, Release, Unplug, or Desolder e.g., 2(L-2) = two Locking Tabs (L-2).
- (7): Adjustment Information for Installation
  - (+):Refer to Deck Exploded Views for lubrication.

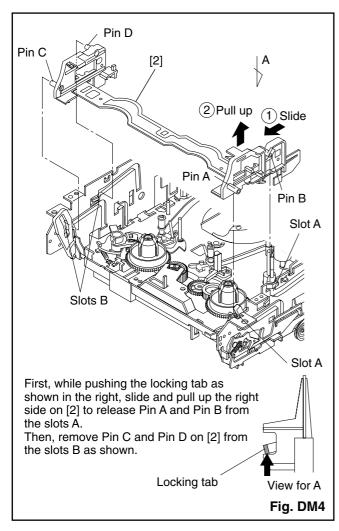
2-4-12 T6310DA

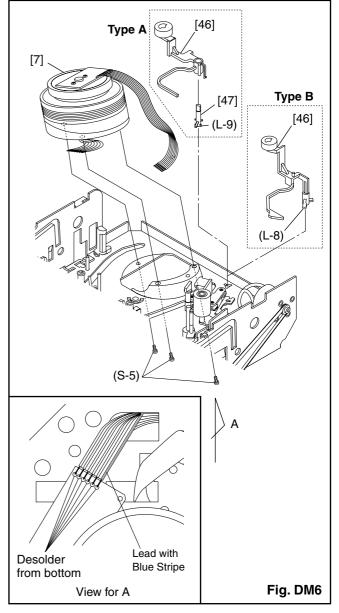


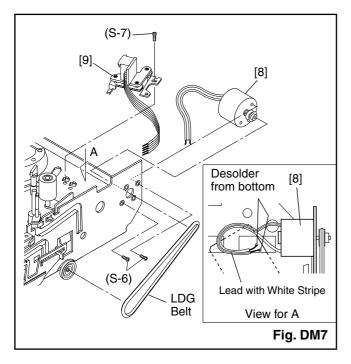


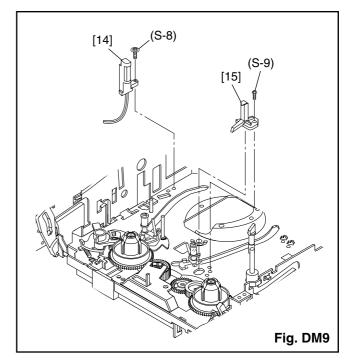


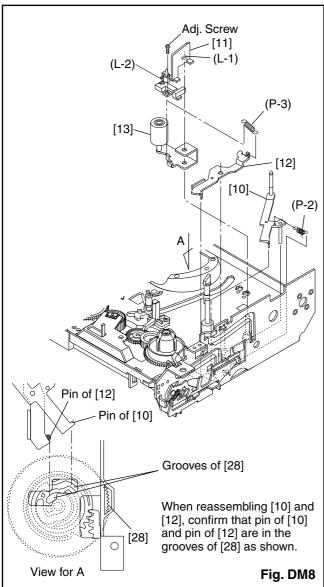


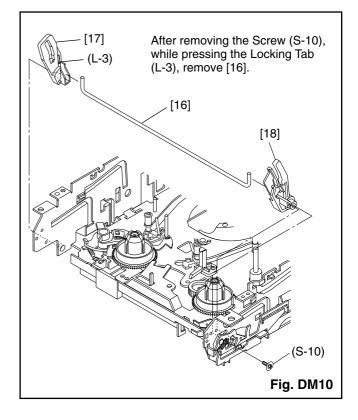




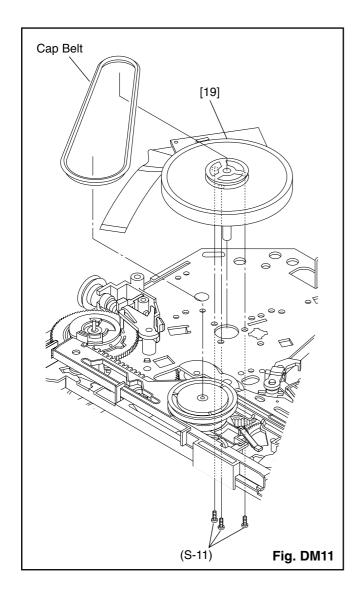


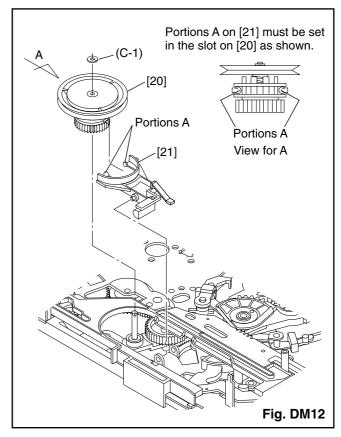




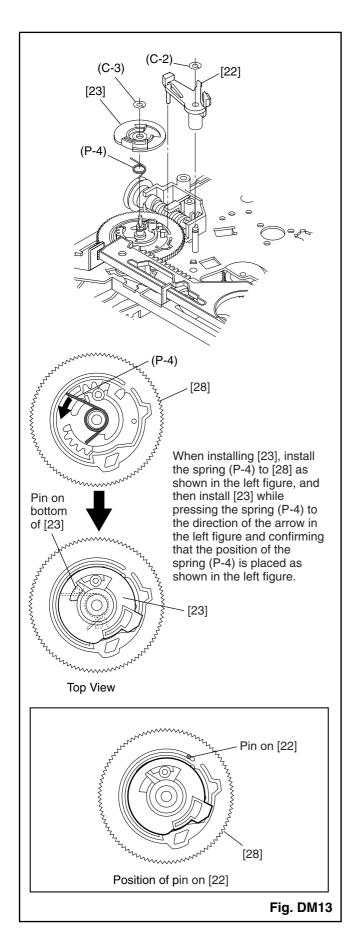


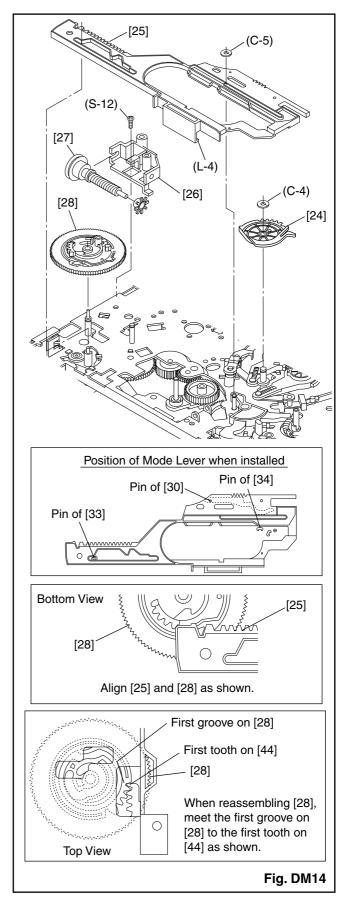
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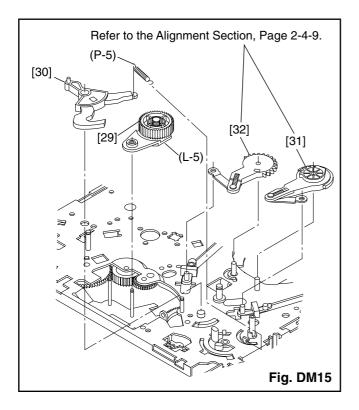


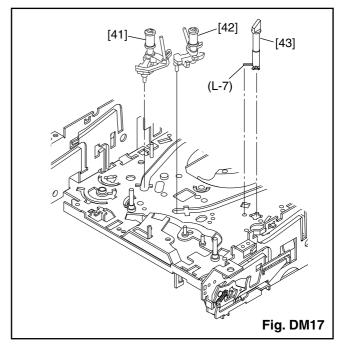
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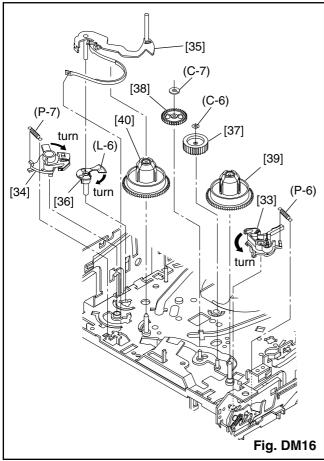


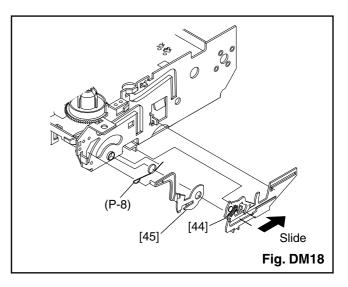


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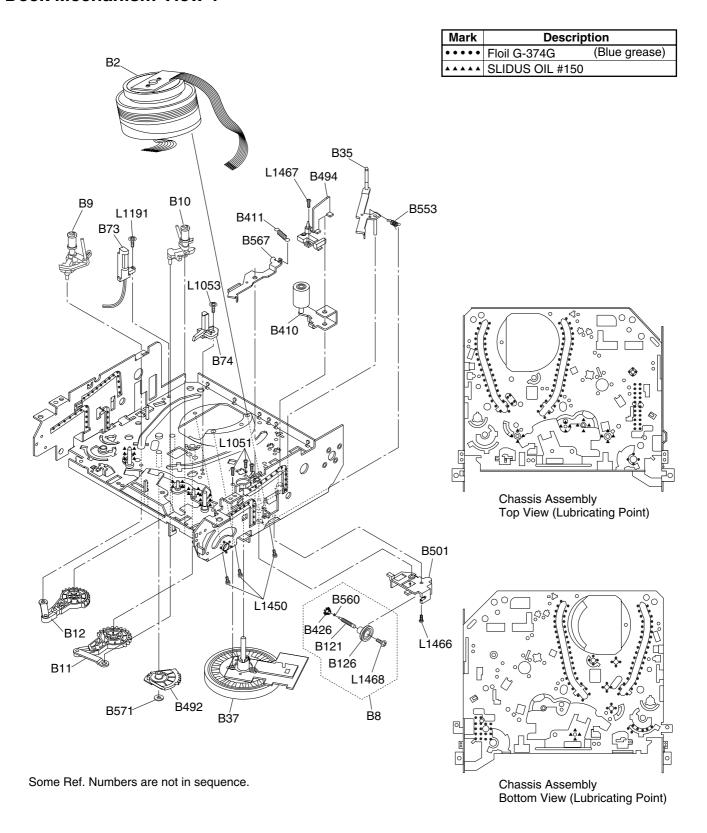




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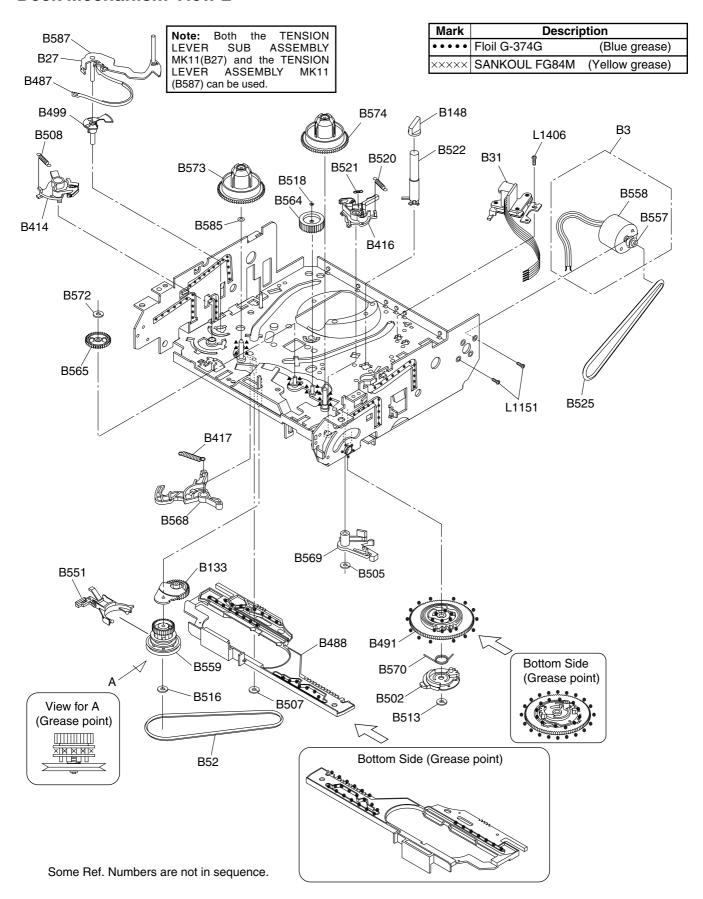
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### **Deck Mechanism View 1**



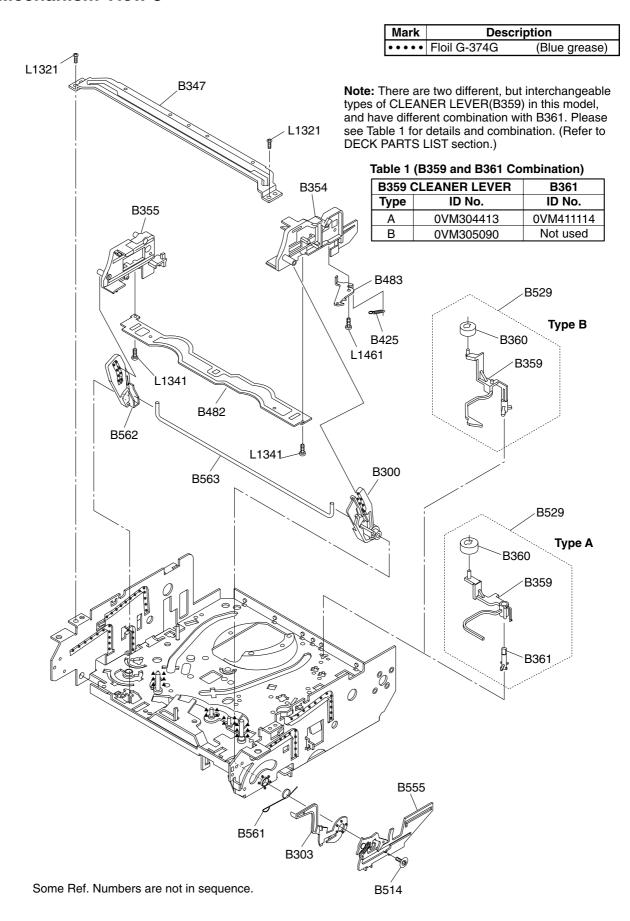
2-5-4 T6310DEX

### **Deck Mechanism View 2**



2-5-5 T6310DEX

### **Deck Mechanism View 3**



2-5-6 T6310DEX

	D	ECK PAR	TS LIST							
Pos.		12 NC	Description							
1 03.	_	12 110	CYLINDER ASS. MK11							
B2		9965 000 12895	PAL 2HD 2SP							
B3		9965 000 12202	LOADING MOTOR							
B8		9965 000 12203	PULLEY ASS. MK11							
B9		9965 000 08560	MOVING GUIDE S PREP. MK10							
B10		9965 000 08431	MOVING GUIDE T PREP. MK10							
B11		9965 000 12204	LOADING ARM ASS. MK11							
B12		9965 000 12205	LOADING ARM ASS. MK11							
B27		9965 000 12206	TENSION LEVER SUB ASS. MK11							
B31		9965 000 13920	AC HEAD ASS. MK11(TVCR)							
B35		9965 000 12208	TAPE GUIDE ASS. MK11							
B37		9965 000 14391	CAPSTAN MOTOR							
B52		9965 000 08593	CAP BELT MK10							
B73		9965 000 12210	FE HEAD ASS. MK11							
B74		9965 000 08555	PRISM MK10							
B121		9965 000 12211	WORM MK11							
B126		9965 000 12212	PULLEY MK11							
B133		9965 000 08437	IDLER ASS. MK10							
B148		9965 000 12368	TG CAP MK11							
B300		9965 000 12214	C DRIVE LEVER R MK11							
B303		9965 000 12215	F DOOR OPENER MK11							
B347		9965 000 08445	GUIDE HOLDER A MK10							
B354		9965 000 12216	SLIDER R MK11							
B355		9965 000 12217	SLIDER L MK11							
B359 B360		9965 000 12416 9965 000 06561	CLEANER LEVER MK11 CLEANER ROLLER MK9							
B410		9965 000 06561	PINCH ARM(A) ASS.(Y) MK11							
B411		9965 000 18683	PINCH SPRING MK10							
D411		9903 000 00433	FINCITSFRING WRTO							
B414		9965 000 12369	M BRAKE S ASS. MK11							
B416		9965 000 12370	M BRAKE T ASS. MK11							
B417		9965 000 12221	TENSION SPG(190265) MK11							
B425		9965 000 08457	LOCK LEVER SPRING MK10							
B426		9965 000 08458	KICK PULLEY MK10							
B482		9965 000 12222	C PLATE MK11							
B483		9965 000 12222	LOCK LEVER MK10							
2 100		2300 000 00401								
B487		9965 000 08462	BAND BRAKE MK10							
B488		9965 000 13025	MODE LEVER(PB) MK11							
B491		9965 000 12224	CAM GEAR(A) MK11							
B492		9965 000 12225	MODE GEAR MK11							
B494		9965 000 12226	DOOR OPENER B MK11							
B499		9965 000 08467	T LEVER HOLDER MK10							
B501		9965 000 12227	WORM HOLDER MK11							
B502	_	9965 000 08469	CAM GEAR(B) MK10							
B505	-	9965 000 12372	PSCW(625504) MK11							
B507		9965 000 05342	REEL WASHER MK9 5*2.1*0.5							
B508	_	9965 000 08470	S BRAKE SPRING MK10							
B513 B514	_	9965 000 08471 9965 000 12228	PSCW(752605) MK10 SCREW RACK MK11							
B514		9965 000 12228	REEL WASHER MK9 5*2.1*0.5							
B518	-	4822 532 13159	P.S.W CUT 1.6X4.0X0.5T							
		.3 30_ 10100								

	D	ECK PAR	RTS LIST							
Pos.	A	12 NC	Description							
DEGG		0005 000 00404	T DDAKE ODDING MK40							
B520		9965 000 08481	T BRAKE SPRING MK10							
B521		9965 000 08482 9965 000 12373	SOFT SPRING MK10							
B522			TG POST ASS. MK11							
B525		9965 000 12230	LDG BELT MK11							
B529 B551		9965 000 12231 9965 000 12374	CLEANER ASS. MK11 FF ARM MK11							
B553		9965 000 12374	REV SPRING MK11							
B555		9965 000 12233	RACK ASS. MK11							
B557		9965 000 12234	MOTOR PULLEY U5							
B558		9965 000 12235	LOADING MOTOR							
B559		9965 000 12375	CLUTCH ASS. MK11							
B560		9965 000 08522	KICK SPRING MK10							
B561		9965 000 08523	F DOOR SPRING MK10							
B562		9965 000 08524	C DRIVE LEVER L MK10							
B563		9965 000 08525	SLIDER SHAFT MK10							
B564		9965 000 08325	M GEAR MK10							
B565		9965 000 12238	SENSOR GEAR MK11							
B567		9965 000 08544	PINCH ARM(B) MK10							
B568		9965 000 08545	BT ARM MK10							
B569		9965 000 12239	CAM HOLDER F MK11							
B570		9965 000 12240	CAM RACK SPRING(HI) MK11							
B571		4822 532 13158	P.S.W F 6*2.55*0.5							
B572		4822 532 13159	P.S.W CUT 1.6X4.0X0.5T							
B573		9965 000 12241	REEL S MK11							
B574		9965 000 12376	REEL T MK10							
B585		9965 000 13687	PSW(317505) MK11							
B587		9965 000 13688	TENSION LEVER ASS. MK11							
			SCREW, B-TIGHT							
L1051		9965 000 05359	M2.6X6 PAN HEAD+							
			SCREW, S-TIGHT							
L1053		9965 000 05375	M2.6X8 WASHER HEAD+							
			SCREW, SEMS							
L1151		9965 000 08642	M2.6X4 PAN HEAD+							
			SCREW, S-TIGHT							
L1191		9965 000 05375	M2.6X8 WASHER HEAD+							
			SCREW, S-TIGHT							
L1321		4822 502 14009	M3X6 BIND HEAD+							
			SCREW, P-TIGHT							
L1341		4822 502 14669	M2.6X6 BIND HEAD+							
L1406		9965 000 08643	AC HEAD SCREW MK9							
			SCREW, S-TIGHT							
L1407		9965 000 12250	M2.6X10 DISH HEAD+							
			SCREW, SEMS							
L1450		4822 502 14671	M2.6X5 PAN HEAD+							
			SCREW, P-TIGHT							
L1461		4822 502 30471	M2.6X6 WASHER HEAD+							
	I		SCREW, S-TIGHT							
L1466		9965 000 05364	M2.6X6 BIND HEAD+							
			SCREW, S-TIGHT							
L1467		9965 000 12251	M2.6X5 WASHER HEAD+							
1 4 400		0005 000 10053	SCREW, B-TIGHT							
L1468		9965 000 12252	M1.7X12							